

Access DB# 87556

# SEARCH REQUEST FORM

Scientific and Technical Information Center

103

Requester's Full Name: DO, BAU QUOC Examiner #: 78889 Date: 02-26-03  
Art Unit: 2172 Phone Number 305 1949 Serial Number: 091687510  
Mail Box and Bldg/Room Location: 4A42 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Web based development + exploitation  
Inventors (please provide full names): of Intellectual property

Earliest Priority Filing Date: see p. 111 10/12/99

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Phone search claim 1 + 12

Service for Inventors Like

1-800 Patent

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02-26-03 P01:24 IN.

## STAFF USE ONLY

Type of Search		Vendors and cost where applicable
Searcher: <u>Teresa Estrella</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-7795</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>4B30</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>3/4/03 4:30pm</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>3/5/03 4:30pm</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

March 5, 2003

Dear Mr. TO;

Attached, please find the results of your search request for application 09/687510. I have concentrated on finding information on Registration Module, Accepting, Storing, Innovator or Intellectual Property, Matching to Developer and attracting Developers.

It is recommended that you look over the search results. I have marked the items that I think are of value to you, but many of the unmarked topics may also be useful.

Please let me know if you need to have further search refinement.

A handwritten signature in black ink, reading "Terese Esterheld". The signature is fluid and cursive, with the first name "Terese" and last name "Esterheld" clearly distinguishable.

Terese Esterheld  
(703) 308-7795  
4B30

Set	Items	Description
S1	26	AU=(GABRICK, J? OR GABRICK J? OR ELSTON, C? OR ELSTON C?)
S2	26	IDPAT (sorted in duplicate/non-duplicate order)
S3	12	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)  
(c) 2003 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2003/Feb W04  
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220  
(c) 2003 WIPO/Univentio

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200315  
(c) 2003 Thomson Derwent

3/5/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014350412 \*\*Image available\*\*  
WPI Acc No: 2002-171115/200222  
Related WPI Acc No: 2001-647352  
XRAM Acc No: C02-052806

**Waste and wastewater treatment and recycling system for use in a dwelling place, comprises waste separation system, wastewater treatment system, and filtration, disinfection and water recycling system**

Patent Assignee: ELSTON C R (ELST-I)

Inventor: ELSTON C R

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020008065	A1	20020124	US 2000527839	A	20000317	200222 B
			US 2001964311	A	20010926	
US 6383369	B2	20020507	US 2000527839	A	20000317	200235
			US 2001964311	A	20010926	

Priority Applications (No Type Date): US 2000527839 A 20000317; US 2001964311 A 20010926

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020008065	A1		18	C02F-003/30	Div ex application US 2000527839
					Div ex patent US 6299775
US 6383369	B2			C02F-003/00	Div ex application US 2000527839
					Div ex patent US 6299775

Abstract (Basic): US 20020008065 A1

NOVELTY - A waste and wastewater treatment and recycling system comprises a waste separation system for decomposing blackwater into water vapor and carbon dioxide; a wastewater treatment system for circulating, aerating and separating greywater into precipitated solid matter and treated water; and a filtration, disinfection and water recycling system.

DETAILED DESCRIPTION - A waste and wastewater treatment and recycling system comprises a waste separation system (100); a wastewater treatment system (200); and a filtration, disinfection and water recycling system (300). The waste separation system includes a compost chamber; an air inlet, an exhaust outlet and waste inlet(s) connected with the compost chamber; agitator(s) within the compost chamber below the waste inlet(s); and conveyor(s) within the compost chamber below the agitator(s). The wastewater treatment system includes a surge chamber, an aeration chamber and a clarification chamber connected in-line and providing gravity flow; a wastewater inlet communicating with the surge chamber; and a sludge removal system connected with the compost chamber of the waste separation system and the surge, aeration and/or clarification chambers. The filtration, disinfection and water recycling system includes a holding chamber; a treated wastewater inlet connected with the holding chamber and the clarification chamber; a filter array connected with and in-line after the holding chamber; a disinfection system connected with and in-line after the holding chamber; and a reservoir connected with and in-line after the disinfection system.

INDEPENDENT CLAIMS are also included for the following:

(1) a monitoring system (400) for a waste and wastewater treatment and recycling system, which comprises sensors operatively associated with waste separation system, wastewater treatment system, and/or filtration, disinfection and water recycling system; and a control unit operatively associated with the sensors to receive input signals from sensors, process the input signals and issue command output signals to waste separation system, wastewater treatment system and/or filtration, disinfection and water recycling system; and

(2) a method of treating and recycling waste and wastewater including blackwater and greywater by transporting the black water to a



waste separation system; decomposing the blackwater into water vapor and gas within the waste separation system; transporting the greywater to a wastewater treatment system; circulating, aerating and separating the greywater into precipitated solid matter and treated water within the wastewater treatment system; transferring the precipitated solid matter from the wastewater treatment system to the waste separation system; transferring the treated water from the wastewater treatment system to a filtration, disinfection and water recycling system; and filtering and disinfecting the treated water within the filtration, disinfection and water recycling system to form recyclable water.

USE - For treating and recycling waste and wastewater for use in a dwelling place (claimed).

ADVANTAGE - The invention separates blackwater and greywater at their respective sources and treats these two wastewater streams individually within separate processing systems to ensure that organic waste and wastewater from both streams are converted into environmentally benign and safe-for-recycle end products.

DESCRIPTION OF DRAWING(S) - The figure shows a view of a waste and wastewater treatment and recycling system of the invention.

Bathtub or shower (22)

Sink (24)

Dishwashing machine (26)

Clothes washing machine (28)

Toilet (30a, 30b)

Garbage disposal (32)

Pump (54)

Waste separation system (100)

Wastewater treatment system (200)

Filtration, disinfection and water recycling system (300)

Monitoring system (400)

pp; 18 DwgNo 1/5

Title Terms: WASTE; TREAT; RECYCLE; SYSTEM; DWELL; PLACE; COMPRISE; WASTE; SEPARATE; SYSTEM; TREAT; SYSTEM; FILTER; DISINFECT; WATER; RECYCLE; SYSTEM

Derwent Class: D15

International Patent Class (Main): C02F-003/00; C02F-003/30

File Segment: CPI

3/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014163124 \*\*Image available\*\*

WPI Acc No: 2001-647352/200174

Related WPI Acc No: 2002-171115

XRAM Acc No: C01-190987

**Treating and recycling waste and wastewater involves decomposing blackwater into water vapor and gas, aerating and separating greywater into precipitated solid matter and treated water, and filtering and disinfecting treated water**

Patent Assignee: ELSTON C R (ELST-I)

Inventor: ELSTON C R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6299775	B1	20011009	US 2000527839	A	20000317	200174 B

Priority Applications (No Type Date): US 2000527839 A 20000317

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6299775	B1	16		C02F-003/30	

Abstract (Basic): US 6299775 B1

NOVELTY - Waste and wastewater including blackwater and greywater is treated and recycled by decomposing blackwater into water vapor and gas within a waste separation system. The greywater is circulated,

aerated, and separated into precipitated solid matter and treated water, within a wastewater treatment system. The treated water is filtered and disinfected to form recyclable water.

DETAILED DESCRIPTION - Treating and recycling waste and wastewater including blackwater (12) and greywater (14) involves transporting the blackwater to a waste separation system (100) within which the black water is decomposed into water vapor and gas. The greywater is transported into a wastewater treatment system (200) within which it is circulated, aerated, and separated into precipitated solid matter and treated water.

This step is accomplished by circulating and aerating the greywater within a surge chamber, transferring the water from the surge chamber to an aeration chamber, circulating and aerating the water within the aeration chamber, transferring the water from the aeration chamber to a clarification chamber, and filtering the water from the clarification chamber to form the treated water. The precipitated solid matter is transferred from the wastewater treatment system to the waste separation system. The treated water is transferred to a filtration, disinfection, and water recycling system (300) within which it is filtered and disinfected to form recyclable water.

USE - For treating and recycling waste and waste-water including blackwater and greywater.

ADVANTAGE - The method is capable of treating blackwater and greywater streams individually within separate processing systems. It ensures that organic wastes and wastewater from both wastewater streams are converted to environmentally benign and safe-for-recycle end-products. It also ensures that the separate processing systems operate appropriately by employing a monitoring system (400), which collects data, controls operations, reports any operational discrepancies, and shuts down the processing system in case of malfunction.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the waste and wastewater treatment and recycling system.

Blackwater (12)

Greywater (14)

Waste separation system (100)

Wastewater treatment system (200)

Filtration, disinfection and water recycling system (300)

Monitoring system (400)

pp; 16 DwgNo 1/5

Title Terms: TREAT; RECYCLE; WASTE; DECOMPOSE; WATER; VAPOUR; GAS; AERATE;  
SEPARATE; PRECIPITATION; SOLID; MATTER; TREAT; WATER; FILTER; DISINFECT;  
TREAT; WATER

Derwent Class: D15

International Patent Class (Main): C02F-003/30

International Patent Class (Additional): C02F-003/02

File Segment: CPI

3/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014096611 \*\*Image available\*\*

WPI Acc No: 2001-580825/200165

XRPX Acc No: N01-432599

**Company innovation summary system, in which employee has instant access to latest innovations and proprietary materials, and constant supervision over them**

Patent Assignee: MINDMATTERS TECHNOLOGIES INC (MIND-N)

Inventor: ELSTON C A ; GABRICK J J

Number of Countries: 023 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200135277	A1	20010517	WO 2000US30868	A	20001110	200165 B
EP 1240600	A1	20020918	EP 2000978480	A	20001110	200269
			WO 2000US30868	A	20001110	

Priority Applications (No Type Date): US 2000706513 A 20001103; US 99165140  
P 19991112; US 2000687510 A 20001012

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200135277 A1 E 144 G06F-017/30

Designated States (National): CA CN JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

EP 1240600 A1 E G06F-017/30 Based on patent WO 200135277

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE TR

Abstract (Basic): WO 200135277 A1

NOVELTY - The system automatically summarises company innovations using intelligent agents to automatically perform searches on the Internet to find competing or encroaching ideas. The system generates reports which list potentially competitive strengths or weaknesses.

DETAILED DESCRIPTION - The system streamlines the process of creating, preserving and protecting proprietary assets. The system identifies, classifies, compiles, tracks and routes real-time data automatically on a continuous basis, and provides instant access to stored database information e.g. trade secret archives, patent filings, computed valuations (rules classes logs), user information and a variety of detailed reports. INDEPENDENT CLAIMS are included for; a system for streamlining the process of creating, preserving and protecting proprietary assets; a system for web based development and exploitation of IP.

USE - Automating and managing an enterprise Intellectual Property environment, with global communications network capabilities.

ADVANTAGE - System works efficiently within legal parameters of any company environment, regardless of industry, and works in cooperation with In-house counsel.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of a trade secret monitoring aspect of the system.

pp; 144 DwgNo 2/65

Title Terms: COMPANY; SUMMARY; SYSTEM; EMPLOY; INSTANT; ACCESS; LATE;

INNOVATIONS; MATERIAL; CONSTANT; SUPERVISION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

3/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013507737

WPI Acc No: 2000-679681/200066

XRAM Acc No: C00-206795

**Crosslinkable cellulosic fibrous product for use in absorbent articles**

**such as diapers, training pads, is a rolled sheet comprising**

**substantially non-crosslinked cellulosic fibers and a crosslinking agent**

Patent Assignee: WEYERHAEUSER CO (WEYE )

Inventor: ELSTON C ; WESTLAND J A

Number of Countries: 091 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200065146	A1	20001102	WO 2000US10854	A	20000420	200066 B
AU 200044824	A	20001110	AU 200044824	A	20000420	200109
US 6300259	B1	20011009	US 99299712	A	19990426	200162
NO 200105028	A	20011016	WO 2000US10854	A	20000420	200208
			NO 20015028	A	20011016	
BR 200010032	A	20020115	BR 200010032	A	20000420	200214
			WO 2000US10854	A	20000420	
US 20020031971	A1	20020314	US 99299712	A	19990426	200222
			US 2001943902	A	20010830	

EP 1216323	A1	20020626	EP 2000926266	A	20000420	200249
			WO 2000US10854	A	20000420	
CN 1346415	A	20020424	CN 2000806151	A	20000420	200251
JP 2002543301	W	20021217	JP 2000613874	A	20000420	200312
			WO 2000US10854	A	20000420	

Priority Applications (No Type Date): US 99299712 A 19990426; US 2001943902 A 20010830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200065146	A1	E	16	D21C-009/00	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200044824	A		D21C-009/00	Based on patent WO 200065146
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US 6300259	B1		B32B-009/04	
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NO 200105028	A		D21C-000/00	
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BR 200010032	A		D21C-009/00	Based on patent WO 200065146
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US 20020031971	A1		B32B-005/02	Div ex application US 99299712
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Div ex patent US 6300259

EP 1216323	A1	E	D21C-009/00	Based on patent WO 200065146
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

CN 1346415	A		D21C-009/00	
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JP 2002543301	W		17 D21H-011/20	Based on patent WO 200065146
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Abstract (Basic): WO 200065146 A1

NOVELTY - A crosslinkable fibrous product which is a rolled sheet comprises substantially of non-crosslinked cellulosic fibers and a crosslinking agent.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method of forming the crosslinkable fibrous product which involves applying the crosslinking agent to the fibrous cellulosic sheet and drying the sheet to provide a fibrous product comprising substantially of non-crosslinked cellulosic fibers followed by rolling the sheet.

USE - For use in absorbent articles such as disposable diapers and training pants, feminine care products such as sanitary napkins, tampons and pantliners, adult incontinence products, towels, surgical and dental sponges, bandages and food tray pads.

ADVANTAGE - The product can be formed at a site remote from crosslinkable product formation without having to apply crosslinking agent at the site of ultimate web formation. No significant crosslinking occurs during the product formation process although the crosslinking agent is applied to a web of cellulosic fibers and product is substantially free of interfiber crosslinks which enables the sheet to be readily defibered without excessive energy requirements. The crosslinking agent does not crosslink with cellulose. The incorporation of crosslinked cellulosic fibers in absorbent articles increases the liquid acquisition rate and liquid wicking capacity.

pp; 16 DwgNo 0/0

Title Terms: CROSSLINK; CELLULOSIC; FIBRE; PRODUCT; ABSORB; ARTICLE; DIAPER; TRAINING; PAD; ROLL; SHEET; COMPRISE; SUBSTANTIAL; NON; CROSSLINK; CELLULOSIC; FIBRE; CROSSLINK; AGENT

Derwent Class: D22; F04; F09; P73

International Patent Class (Main): B32B-005/02; B32B-009/04; D21C-000/00; D21C-009/00; D21H-011/20

International Patent Class (Additional): B29C-071/00; B32B-027/04; B32B-027/12; D04H-001/00; D04H-001/64; D04H-003/00; D04H-005/00; D04H-013/00; D21H-011/16

File Segment: CPI; EngPI

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011916458

WPI Acc No: 1998-333368/199829

Related WPI Acc No: 1998-332997

XRAM Acc No: C98-103416

XRPX Acc No: N98-260133

**Air laid unitary absorbent layer used in e.g. nappies - comprises crosslinked cellulosic fibres and a binder, usually a two component binding fibre**

Patent Assignee: WEYERHAEUSER CO (WEYE )

Inventor: BUNKER D T; ELSTON C ; GRAEF P A; HOWARD F B; MATHEWS J D; NAIENI S A

Number of Countries: 079 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9824960	A1	19980611	WO 97US23152	A	19971205	199829 B
AU 9855282	A	19980629	AU 9855282	A	19971205	199845
EP 943025	A1	19990922	EP 97951713	A	19971205	199943
			WO 97US23152	A	19971205	

Priority Applications (No Type Date): US 9632794 P 19961206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9824960	A1	E	26	D04H-001/54	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9855282	A			D04H-001/54	Based on patent WO 9824960
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EP 943025	A1	E		D04H-001/54	Based on patent WO 9824960
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 9824960 A

An air-laid absorbent layer comprises crosslinked cellulosic fibres and a binder. It is an undensified layer.

Also claimed are: (1) an absorbent article comprising: (a) a liquid pervious top sheet; (b) an air-laid absorbent undensified layer containing crosslinked cellulosic fibres and a binder; and (c) a liquid impervious back sheet; (2) an absorbent article which comprises parts (a)-(b), a storage stratum of absorbent fibrous material and part (c); (3) an absorbent article which comprises parts (a)-(b), a storage layer of absorbent fibrous material, an intermediate layer interposed between the absorbent and storage layer; and part (c); and (4) formation of a unitary absorbent layer by combining crosslinked cellulosic fibres and a binder giving a fibrous mixture on a foraminous support to provide a fibrous composite; and heating the fibrous composite to bring about thermal bonding between the fibres and binder, to provide a unitary absorbent layer.

USE - Used in nappies, incontinence products, feminine hygiene products.

ADVANTAGE - The unitary absorbent layer can rapidly acquire, distribute, temporarily store then release the acquired liquid to other liquid retention layers.

Dwg.0/5

Title Terms: AIR; LAY; UNIT; ABSORB; LAYER; NAPKIN; COMPRISE; CROSSLINK; CELLULOSIC; FIBRE; BIND; USUAL; TWO; COMPONENT; BIND; FIBRE

Derwent Class: A18; A23; A96; D22; F04; F07; P32

International Patent Class (Main): D04H-001/54

International Patent Class (Additional): A61F-013/15; D04H-001/60

File Segment: CPI; EngPI

DIALOG(R)File 350:Derwent WPIX  
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011916248

WPI Acc No: 1998-333158/199829

Related WPI Acc No: 1999-009562; 2000-399472; 2001-061750; 2001-328105;  
2002-025750; 2002-164085

XRAM Acc No: C98-103261

XRPX Acc No: N98-260024

**Absorbent composite - comprises first stratum comprising hydrophobic fibres and binder, second stratum comprising binder and fibres selected from hydrophilic and/or hydrophobic fibres and transition zone comprising fibres.**

Patent Assignee: WEYERHAEUSER CO (WEYE )

Inventor: BUNKER D T; **ELSTON C** ; GRAEF P A; HOWARD F B; MATHEWS J D;

MILLER C E; NAIENI S A; GRANT T M; MARSH D G; MATTHEWS J D

Number of Countries: 079 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9824621	A1	19980611	WO 97US22342	A	19971205	199829 B
AU 9856907	A	19980629	AU 9856907	A	19971205	199845
EP 941157	A1	19990915	EP 97953095	A	19971205	199942
			WO 97US22342	A	19971205	
MX 9905195	A1	19991001	MX 995195	A	19990604	200103
KR 2000069333	A	20001125	WO 97US22342	A	19971205	200130
			KR 99705026	A	19990605	
JP 2001505830	W	20010508	WO 97US22342	A	19971205	200131
			JP 98525827	A	19971205	
US 20020007169	A1	20020117	US 9632916	P	19961206	200212
			US 9746395	P	19970513	
			WO 97US22342	A	19971205	
			WO 98US9682	A	19980512	
			US 98137503	A	19980820	
			US 98141152	A	19980827	
			US 98107998	P	19981111	
			US 99326213	A	19990604	
			WO 99US26560	A	19991110	
			US 2000191870	P	20000323	
			US 2000569380	A	20000511	
			US 2001815933	A	20010323	
US 6518479	B1	20030211	US 9632916	P	19961206	200314
			WO 97US22342	A	19971205	
			US 98137503	A	19980820	
			US 2000620950	A	20000721	

Priority Applications (No Type Date): US 9632916 P 19961206; US 9746395 P 19970513; WO 98US9682 A 19980512; US 98137503 A 19980820; US 98141152 A 19980827; US 98107998 P 19981111; US 99326213 A 19990604; WO 99US26560 A 19991110; US 2000191870 P 20000323; US 2000569380 A 20000511; US 2001815933 A 20010323; US 2000620950 A 20000721

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9824621 A1 E 62 B32B-005/26

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9856907 A B32B-005/26 Based on patent WO 9824621

EP 941157 A1 E B32B-005/26 Based on patent WO 9824621

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

MX 9905195 A1 B32B-005/26

KR 2000069333 A B32B-005/26 Based on patent WO 9824621

JP 2001505830 W 62 B32B-005/26 Based on patent WO 9824621

US 20020007169 A1 A61F-013/15 Provisional application US 9632916

Provisional application US 9746395  
Cont of application WO 97US22342  
Cont of application WO 98US9682  
CIP of application US 98137503  
CIP of application US 98141152  
Provisional application US 98107998  
CIP of application US 99326213  
CIP of application WO 99US26560  
Provisional application US 2000191870  
CIP of application US 2000569380  
Provisional application US 9632916  
Cont of application WO 97US22342  
Cont of application US 98137503

US 6518479 B1 A61F-013/15

Abstract (Basic): WO 9824621 A

An absorbent composite comprises a first and a second stratum and a transition zone in between the strata and integrally connecting them. The first stratum comprises a hydrophobic fibre and binder, the second stratum comprises binder and hydrophilic and/or hydrophobic fibres and the transition zone comprises fibres from one stratum extending into the other stratum.

Also claimed are further absorbent composites, absorbent articles produced from the composites and methods for producing unitary stratified composites.

USE - The composite is useful in absorbent articles such as nappies, incontinence products and feminine hygiene products.

ADVANTAGE - The integrated absorbent material provides dry feel, reduced leakage and rapid liquid acquisition, and rapid temporary storage capability. The methods for manufacturing the composites is simplified and provides economic advantages over the combination of separate strata of high loft nonwoven fibres and crosslinked cellulose.

Dwg.0/20

Title Terms: ABSORB; COMPOSITE; COMPRISE; FIRST; STRATUM; COMPRISE;  
HYDROPHOBIC; FIBRE; BIND; SECOND; STRATUM; COMPRISE; BIND; FIBRE; SELECT;  
HYDROPHILIC; HYDROPHOBIC; FIBRE; TRANSITION; ZONE; COMPRISE; FIBRE  
Derwent Class: A17; A23; A96; D22; F04; F07; F09; P32; P34; P73  
International Patent Class (Main): A61F-013/15; B32B-005/26  
International Patent Class (Additional): A61F-013/20; A61F-013/49;  
A61F-013/53; A61F-013/56; A61F-015/00; A61L-015/00; B32B-007/04;  
D04H-013/00  
File Segment: CPI; EngPI

3/5/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011916087

WPI Acc No: 1998-332997/199829

Related WPI Acc No: 1998-333368

XRAM Acc No: C98-103149

XRPX Acc No: N98-259929

**Unitary absorbent layer used in e.g. nappies - comprises crosslinked cellulosic fibres and a binder and has a uniform porous structure**

Patent Assignee: WEYERHAEUSER CO (WEYE )

Inventor: BUNKER D T; ELSTON C ; GRAEF P A; HOWARD F B; MATHEWS J D;

NAIENI S A; MATTHEWS J D

Number of Countries: 079 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9824392	A1	19980611	WO 97US22341	A	19971205	199829 B
AU 9853751	A	19980629	AU 9853751	A	19971205	199845
EP 944375	A1	19990929	EP 97950857	A	19971205	199945
			WO 97US22341	A	19971205	
MX 9905194	A1	19991001	MX 995194	A	19990604	200103
KR 2000069335	A	20001125	WO 97US22341	A	19971205	200130
			KR 99705028	A	19990605	

JP 2001505961	W	20010508	WO 97US22341	A	19971205	200131
			JP 98525826	A	19971205	
US 20020026166	A1	20020228	US 9632794	P	19961206	200220
			WO 97US22341	A	19971205	
			US 98137453	A	19980820	
US 20030018311	A1	20030123	US 9632794	P	19961206	200310
			WO 97US22341	A	19971205	
			US 98137453	A	19980820	
			US 2002184339	A	20020626	

Priority Applications (No Type Date): US 9632794 P 19961206; US 98137453 A 19980820; US 2002184339 A 20020626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9824392	A1	E	36	A61F-013/15	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9853751	A		A61F-013/15	Based on patent WO 9824392
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EP 944375	A1	E	A61F-013/15	Based on patent WO 9824392
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

MX 9905194	A1		A61F-013/15	
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KR 2000069335	A		A61F-013/15	Based on patent WO 9824392
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JP 2001505961	W	38	D21H-027/00	Based on patent WO 9824392
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US 20020026166	A1		A61F-013/15	Provisional application US 9632794
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CIP of application WO 97US22341

US 20030018311	A1		A61F-013/15	Provisional application US 9632794
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Cont of application WO 97US22341

Cont of application US 98137453

Abstract (Basic): WO 9824392 A

An absorbent layer comprises crosslinked cellulosic fibres and a binder. It has a uniform porous structure.

Also claimed, an absorbent article which comprises: (a) a liquid pervious top sheet; (b) an absorbent layer comprising crosslinked cellulosic fibres and a binder, where the absorbent layer has a uniform porous structure; and (c) a liquid impervious back sheet.

Also claimed, an absorbent article which comprises parts (a)-(b), a storage stratum consisting of an absorbent fibrous material; and (c).

Also claimed, an absorbent article which comprises parts (a)-(b), a storage layer consisting of an absorbent fibrous material, an intermediate layer interposed between the absorbent layer and the storage layer and a liquid impervious back sheet.

Preferably the absorbent layer comprises non-crosslinked fibres. The synthetic fibres are selected from polyethylene terephthalate, polyethylene, polypropylene, nylon and rayon fibres. The binder is a wet strength agent selected from a polyamide-epichlorohydrin resin and a polyacrylamide resin.

USE - Used in nappies, incontinence products, feminine hygiene products.

ADVANTAGE - The unitary absorbent layer can rapidly acquire, distribute, temporarily store and then release the acquired liquid to other liquid retention layers.

Dwg.0/7

Title Terms: UNIT; ABSORB; LAYER; NAPKIN; COMPRISE; CROSSLINK; CELLULOSIC; FIBRE; BIND; UNIFORM; POROUS; STRUCTURE

Derwent Class: A23; A96; D22; F07; P32; P34

International Patent Class (Main): A61F-013/15; D21H-027/00

International Patent Class (Additional): A61F-005/44; A61F-013/20; A61F-013/49; A61F-013/53; A61M-001/00; D21F-011/00; D21H-011/16; D21H-011/20; D21H-013/08; D21H-013/22; D21H-013/24; D21H-013/26;



D21H-013-08; D21H-013-22; D21H-013-24; D21H-013-26  
File Segment: CPI; EngPI

3/5/8 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010762933  
WPI Acc No: 1996-259888/199626  
XRAM Acc No: C96-082380

**Densified cellulose web with improved synthetic urine absorption capacity  
- made by effecting densification after the adhesive has been  
deactivated.**

Patent Assignee: WEYERHAEUSER CO (WEYE )  
Inventor: ELSTON C ; HOWARD F B; WEST H H; WEST H  
Number of Countries: 025 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9615301	A1	19960523	WO 95US12879	A	19951017	199626 B
AU 9538279	A	19960606	AU 9538279	A	19951017	199637
EP 791090	A1	19970827	EP 95936267	A	19951017	199739
			WO 95US12879	A	19951017	
US 5877097	A	19990302	US 94337642	A	19941110	199916
			US 95552593	A	19951103	

Priority Applications (No Type Date): US 94337642 A 19941110; US 95552593 A 19951103

Cited Patents: DE 2234008; EP 70164; FR 1059617; FR 1524804; WO 9101396

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9615301	A1	E	32	D04H-001/54	
				Designated States (National):	AU BR CA JP KR MX NZ US
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
AU 9538279	A			D04H-001/54	Based on patent WO 9615301
EP 791090	A1	E		D04H-001/54	Based on patent WO 9615301
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
US 5877097	A			B32B-007/02	Cont of application US 94337642

Abstract (Basic): WO 9615301 A

A densified cellulose fibre web made using an activatable adhesive and having a synthetic urine absorbency significantly greater than that of a comparable web densified to the same deg. but with the densification having been effected while the adhesive is still active pref. has min. density 0.1 g/cc or higher (esp. 0.3-0.7 g/cc), based on fibre + bonding material, and is characterised in that densification is effected after the adhesive has been deactivated and has bonded the fibres together.

ADVANTAGE - The web has a higher wet pad integrity than an equally densified but non-bonded web while having at least an equiv. absorption capacity (claimed) and can be used in the upper acquisition/distribution or storage layers of an article for absorbing bodily fluids (also claimed).

Dwg.0/4

Title Terms: DENSIFY; CELLULOSE; WEB; IMPROVE; SYNTHETIC; URINE; ABSORB; CAPACITY; MADE; EFFECT; DENSIFY; AFTER; ADHESIVE; DEACTIVATE  
Derwent Class: A96; D22; F04; P73  
International Patent Class (Main): B32B-007/02; D04H-001/54  
File Segment: CPI; EngPI

3/5/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009657218      \*\*Image available\*\*

WPI Acc No: 1993-350769/199344

XRAM Acc No: C93-155638

XRPX Acc No: N93-270646

**Appts. for treating domestic organic wastes - has separate composting and grey-water treatment zones with sludge from latter recirculated to former**

Patent Assignee: ELSTON C R (ELST-I)

Inventor: **ELSTON C R**

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5256378	A	19931026	US 86931657	A	19861117	199344 B
			US 88193878	A	19880513	
			US 90517398	A	19900427	
			US 92867274	A	19920409	

Priority Applications (No Type Date): US 88193878 A 19880513; US 86931657 A 19861117; US 90517398 A 19900427; US 92867274 A 19920409

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5256378	A		9	B09B-003/00	CIP of application US 86931657 Cont of application US 88193878 Cont of application US 90517398

Abstract (Basic): US 5256378 A

Organic material including toilet waste is aerobically composted in a tank with an upper receiving volume (12), a mixing and aeration central volume (13) and a lower portion for conveying compost (14) and fluid to a collecting zone (86). The mixing and aeration volume is positioned between front (29) and rear (47) baffles with an airflow conduit (30) between the baffles. A fan (40) circulates air from the region between the front baffle and tank wall through the conduit to a region between the rear baffle and back wall and back to the front baffle area across the receiving volume.

Liquid from the fluid collection area (86) is returned to the mixing and aeration volume (13). A horizontal agitator (70) periodically mixes the received organic material.

A separate greywater treatment tank (5) has a sludge removal system (61) which returns the sludge to the composting tank (4), and has chambers for the aeration, filtration and clarification of the greywater.

USE/ADVANTAGE - The system composts organic waste such as human biological wastes and kitchen wastes together with sludge derived from greywater. It can also handle other organics including leaves, paper, garbage and wood chips. The system operates efficiently and brings fully decomposed material to a position for easy removal via a hatch.

Dwg.1/2

Title Terms: APPARATUS; TREAT; DOMESTIC; ORGANIC; WASTE; SEPARATE; COMPOST; GREY; WATER; TREAT; ZONE; SLUDGE; LATTER; RECIRCULATE; FORMER

Derwent Class: D15; D16; P43

International Patent Class (Main): B09B-003/00

File Segment: CPI; EngPI

3/5/10      (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009549717

WPI Acc No: 1993-243267/199330

Related WPI Acc No: 1992-200226; 1992-331773; 1993-226495; 1993-243264; 1995-130587

XRAM Acc No: C93-108489

**Crosslinking individualised cellulose@ fibres - with acceptable nit and knot and fines levels**

Patent Assignee: WEYERHAEUSER CO (WEYE )

Inventor: CARNEY A R; HUNTER F R; BOLSTEAD C R; BOWNS M W; **ELSTON C ;**

GRAEF P A; OLMSTEAD F E; BOLSTAD C R  
 Number of Countries: 025 Number of Patents: 006  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9314264	A1	19930722	WO 93US280	A	19930113	199330 B
AU 9334705	A	19930803	AU 9334705	A	19930113	199348
			WO 93US280	A	19930113	
EP 621916	A1	19941102	EP 93903446	A	19930113	199442
			WO 93US280	A	19930113	
FI 9403323	A	19940905	WO 93US280	A	19930113	199443
			FI 943323	A	19940712	
US 5437418	A	19950801	US 874729	A	19870120	199536
			US 87140922	A	19871228	
			US 88284885	A	19881215	
			US 89395208	A	19890817	
			US 90607268	A	19901031	
			US 91665761	A	19910307	
			US 92820323	A	19920113	
US 6436231	B1	20020820	US 874729	A	19870120	200257
			US 87140922	A	19871228	
			US 88284885	A	19881215	
			US 89395208	A	19890817	
			US 90607268	A	19901031	
			US 91665761	A	19910307	
			US 92820323	A	19920113	
			US 95509401	A	19950731	

Priority Applications (No Type Date): US 92820323 A 19920113; US 874729 A 19870120; US 87140922 A 19871228; US 88284885 A 19881215; US 89395208 A 19890817; US 90607268 A 19901031; US 91665761 A 19910307; US 95509401 A 19950731

Cited Patents: EP 340763; EP 440472; US 3440135; WO 9208843

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9314264	A1	E	54	D21H-023/04	
					Designated States (National): AU BR CA FI JP KR NO
					Designated States (Regional): BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
AU 9334705	A			D21H-023/04	Based on patent WO 9314264
EP 621916	A1	E		D21H-023/04	Based on patent WO 9314264
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
FI 9403323	A			D21C-000/00	
US 5437418	A		23	B02C-011/08	CIP of application US 874729 CIP of application US 87140922 CIP of application US 88284885 CIP of application US 89395208 CIP of application US 90607268 CIP of application US 91665761 CIP of patent US 5225047 CIP of patent US 5252275
US 6436231	B1			D21C-009/00	CIP of application US 874729 CIP of application US 87140922 CIP of application US 88284885 CIP of application US 89395208 CIP of application US 90607268 CIP of application US 91665761 Div ex application US 92820323 CIP of patent US 5225047 CIP of patent US 5252275 Div ex patent US 5437418

Abstract (Basic): WO 9314264 A

Mat of cellulose fibres on a conveyor is sprayed with a crosslinking substance and immediately moved to a fiberising mill to separate the mat into substantially unbroken individual cellulose fibres. A dryer linked to the fiberiser dries and cures the fibres to

form dried cured fibres with a cross-linking coating with a low level of nits and knots.

A mat (14) of cellulose fibres on a conveyor (12) is pref. sprayed with a crosslinking agent from a source (19) and fed to a fiberising hammer mill (20) where the individual fibres are sepd..

ADVANTAGE - Produces individual fibres uniformly coated with a crosslinking agent having an improved wet tensile strength. The fibres have a nit level no greater than three, no knots and reduced fines caused by breakage of individual fibres.9)

Dwg.0/16

Title Terms: CROSSLINK; INDIVIDUAL; CELLULOSE; FIBRE; ACCEPT; KNOT; FINE; LEVEL

Derwent Class: A35; A97; F09; P41

International Patent Class (Main): B02C-011/08; D21C-000/00; D21C-009/00; D21H-023/04

International Patent Class (Additional): D04H-001/58; D06M-013/52;

D21B-001/06; D21H-015/10; D21H-023/20

File Segment: CPI; EngPI

3/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003428656

WPI Acc No: 1982-00272E/198201

Highly absorbent, zero cytotoxicity nonwoven medical towel - comprising water-laid web satd. with hydrophobic (acrylic) latex contg. polyol surfactant

Patent Assignee: DEXTER CORP (DEXC )

Inventor: ELSTON C ; SNYDER C E

Number of Countries: 016 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 42259	A	19811223	EP 81302599	A	19810611	198201 B
NO 8101993	A	19820111				198206
BR 8103679	A	19820302				198211
FI 8101864	A	19820226				198212
US 4319956	A	19820316				198213
ZA 8103755	A	19820701				198238
CA 1153540	A	19830913				198341
EP 42259	B	19850605				198523
DE 3170821	G	19850711				198529

Priority Applications (No Type Date): US 80159681 A 19800616

Cited Patents: FR 2000595; FR 2014443

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 42259 A E 27

Designated States (Regional): BE CH DE FR GB IT LI LU NL SE

EP 42259 B E

Designated States (Regional): BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): EP 42259 A

A web material for use as a disposable medical towel comprises a fibrous non-woven web saturation bonded with a hydrophobic latex contg. a surfactant with a cytotoxicity level of zero at 2 wt.% concn. (based on latex solids). The web has wet abrasion loss less than 40, pref. less than 30%, absorbent holding capacity above 300, pref. above 400%, cytotoxicity level zero and pref. also wet tensile strength at least 600g/25mm. The latex is pref. an internally stabilised emulsion of a crosslinkable acrylic binder.

The materials combine the desirable bulk and absorbent characteristics (rapid rewettability and high holding capacity) of dry-laid prods. with the desirable wet properties (wet tensile strength, wet abrasion resistance and delamination resistance), of wet-laid prods. white passing the cytotoxicity test with a zero score.

Absorbent holding capacity is equal to or greater than that for commercially available prods.  
Title Terms: HIGH; ABSORB; ZERO; CYTOSTATIC; NONWOVEN; MEDICAL; TOWEL; COMPRISE; WATER; LAY; WEB; SATURATE; HYDROPHOBIC; ACRYLIC; LATEX; CONTAIN ; POLY; OL; SURFACTANT  
Index Terms/Additional Words: POLYACRYLIC  
Derwent Class: A96; D22; F04; F09; P32; P34  
International Patent Class (Additional): A61F-000/00; A61L-015/00; D04H-001/64; D21H-001/44; D21H-003/44; D21H-005/00  
File Segment: CPI; EngPI

3/5/12 (Item 12 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00035701

**HEAT SEAL FIBROUS WEB AND METHOD OF ITS MANUFACTURE.**  
**HEISSIEGELFAHIGES FASERMATERIAL UND DESSEN HERSTELLUNGSVERFAHREN.**  
**MATERIAU FIBREUX THERMOSONDABLE ET PROCEDE DE FABRICATION.**  
PATENT ASSIGNEE:

THE DEXTER CORPORATION, One Elm Street, Windsor Locks, CT 06096, (US),  
(applicant designated states: CH;DE;FR;GB;LI;NL;SE)

INVENTOR:

**ELSTON, Colin** , 74 Hollow Brook Road, Windsor, CT 06095, (US)

**HOFFMAN, Herbert A.** , 7, Cheshire Drive, Longmeadow, MA 01106, (US)

**MURPHY, H. Joseph**, 111 Duxbury Lane, Longmeadow, MA 01106, (US)

LEGAL REPRESENTATIVE:

De Minvielle-Devaux, Ian Benedict Peter et al , CARPMAELS & RANSFORD 43,  
Bloomsbury Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 39686 A1 811118 (Basic)  
EP 39686 B1 850313  
WO 8101429 810528

APPLICATION (CC, No, Date): EP 80901989 800806; WO 80US995 800806

PRIORITY (CC, No, Date): US 93441 791113

DESIGNATED STATES: CH; DE; FR; GB; LI; NL; SE

INTERNATIONAL PATENT CLASS: D21H-005/02;

CITED PATENTS (EP A): US B995602 I; GB L10564 A; GB 1294064 A; GB 2017184 A  
; EP 15970 A; WO 7901057 A; US 2862251 A

CITED PATENTS (WO A): US 2414833 A; US 995602 A; US 3350260 A; US 3067087 A

CITED REFERENCES (EP A):

See also references of WO8101429;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 811118 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 811118 A1 Date of filing of request for examination:  
810721

Grant: 850313 B1 Granted patent

Oppn None: 860305 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

Set	Items	Description
S1	5805	(INVENTOR? OR INVENTION?) AND (MATCH? OR LINK? OR CONNECT?) AND (DEVELOPER? OR PRODUCER? OR MANUFACTURER?) AND (ONLINE OR BBS AND SOFTWARE)
S2	4	S1 AND REGISTRATION()MODULE?
S3	439	S1 AND REGISTRATION
S4	282	S3 NOT PY>1999
S5	205	S4 AND (ATTRACT? OR INTEREST? OR APPEAL?)
S6	170	S5 AND (ACCEPT? OR ADMIT? OR RECEIVE?)
S7	22	S6 AND INTELLECTUAL()PROPERTY
S8	22	S7 NOT PY>1999
S9	22	S8 NOT PD>19991012
S10	20	RD (unique items)
File	2:INSPEC	1969-2003/Feb W4 (c) 2003 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2003/Feb (c) 2003 ProQuest Info&Learning
File	94:JICST-EPlus	1985-2003/Mar W1 (c)2003 Japan Science and Tech Corp(JST)
File	144:Pascal	1973-2003/Feb W4 (c) 2003 INIST/CNRS
File	233:Internet & Personal Comp. Abs.	1981-2003/Feb (c) 2003 Info. Today Inc.
File	275:Gale Group Computer DB(TM)	1983-2003/Mar 04 (c) 2003 The Gale Group
File	647:CMP Computer Fulltext	1988-2003/Feb W3 (c) 2003 CMP Media, LLC
File	674:Computer News Fulltext	1989-2003/Mar W1 (c) 2003 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2003/Mar 04 (c) 2003 The Dialog Corp.
File	9:Business & Industry(R)	Jul/1994-2003/Mar 04 (c) 2003 Resp. DB Svcs.
File	47:Gale Group Magazine DB(TM)	1959-2003/Mar 04 (c) 2003 The Gale group

10/5,K/1 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
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02340706 SUPPLIER NUMBER: 56182883 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Origins of Distance Education and its use in the United States.(Technology Information)**  
Matthews, Diane  
T H E Journal (Technological Horizons In Education), 27, 2, 54  
Sept, 1999  
ISSN: 0192-592X LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3294 LINE COUNT: 00300

ABSTRACT: Distance education can be traced to the **invention** of mail-based correspondence courses by Sir Isaac Pitman in 1840. The founding of United Kingdom's Open University (OU) in 1969 marked a significant development of the second phase of distance learning, with its mixed-media approach to teaching. At roughly the same time as the founding of the OU, satellites were moving into commercial use. PEACENET in the Pacific Basin was founded in 1971 and used in the first ever application of satellites in distance education. Distance education employs media in many forms and to varying extents. It includes mail, facsimile, radio, television, satellite broadcasts, videotapes, teleconferencing and, most recently, the Internet.

DESCRIPTORS: Technology in education; Technology overview  
FILE SEGMENT: CD File 275

ABSTRACT: Distance education can be traced to the **invention** of mail-based correspondence courses by Sir Isaac Pitman in 1840. The founding of United Kingdom's...

Origins

In 1840, Sir Issac Pitman, the English **inventor** of shorthand, came up with an ingenious idea for delivering instruction to a potentially limitless audience: correspondence...

...while concurrently instructing a different group of students in another classroom via interactive video. Introducing an audio **link** from the remote site back to the lecturer allows live interaction and enables questions. Teaching based on...

...uses a local computer (usually from home) to access a range of services and facilities. These include **online registration**, dissemination of prepared course materials, access to **online** video materials, and communication with instructors, tutors, and other students via e-mail. "Classes" and discussion groups are conducted in **online** chat rooms; assignments and exams are e-mailed to the instructor. Discussion topics are posted to discussion...

...Education conducted a survey on distance education and found the following regarding technology, delivery sites and course **developers** (Lewis, et al. 1997):

Technology used to deliver distance education courses  
Distance education courses were delivered by...

...two-way audio with one-way video, and they used computer-based technologies other than two-way **online** interactions (e.g., the Internet).  
Delivery to remote sites  
About half of the higher education institutions offering...

...education courses to other branches of their institution (39%) and to other college campuses (35%).

Primary course **developers**

Three quarters of the institutions developed their own courses.  
Thirty percent of the institutions used courses developed...

...rather are meant to serve disciplined adult learners (Guernsey 1998).  
Students are typically older than traditional undergraduates (**Online**

1998, May 22). The age profile of students, whether men or women, suggests that many will have...

...home to attend a full-time, campus-based course (Miller, Smith and Tilstone 1998). Distance learning primarily **attracts** women with children. Sixty-six percent of the adult distance education market is female, and 80% of...

...student population emerged -- students already enrolled in regular classes eager to ease their schedules by taking courses **online**. Many of these students also work part-time or full-time jobs and they need the freedom...

...questions posed by the instructor.

The institution also reaps benefits from offering distance education. It increases enrollment, **attracts** new teaching staff (those **interested** in distance education), reduces the need to build and maintain university campuses and buildings, offers a new...

...intensity

Distance education is more time-consuming (Guernsey 1998); it is more labor intensive to teach an **online** class than it is a regular chalk-and-talk class (Bremner 1998).

Need for staff training

DistanceHall, P. 1996).

Legal issues of **intellectual property** rights

Syllabi or course outlines on the Web might be absorbed into the public domain and could...

...offered degrees that could be

completed through taking distance education courses exclusively.... An estimated 3,430 students **received** degrees and 1,970 **received** certificates

in 1994-1995 by taking distance education exclusively (p. 6).

Distance education in the United States...

...learning is becoming less important as the key descriptor for courses or students (Hall, J. 1995). Perhaps "**connected**" learning will become a more accurate descriptor.

Distance education built around new technology offers one way of...

...learning in education is increasing, and the use of new technologies to foster lifelong learning becomes increasingly **attractive** and appropriate (Ljosa and Mann 1995). For this reason, the virtual campus will be added by conventional...2), 221-230.

NCES issues report on distance education. 1997. College & Research Libraries News, 58 (10), 689.

**Online**. 1998, May 22. While most colleges and universities are setting up chairs and clipping grass to prepare...

...College in Pittsburgh, Pa., and a Ph.D. student at the University of Pittsburgh. She teaches various **online** classes.

E-mail: dmatthews4@aol.com

10/5,K/2 (Item 2 from file: 275)  
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02285196 SUPPLIER NUMBER: 54296937 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Plan Your E-Commerce Tax Strategy.(Internet/Web/ Online Service  
Information)

Prem, Richard

e-Business Advisor, 17, 4, 36(1)

April, 1999

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4491 LINE COUNT: 00365



ABSTRACT: The Internet Tax Freedom Act (ITFA) imposes a three-year moratorium on new e-commerce taxes, but states that implemented sales and use taxes prior to Oct 1998 can continue to collect them. Taxes are an important concern but should not drive e-commerce decisions. According to Deloitte & Touche, e-commerce will be a business necessity for 70% of companies by the year 2002. E-commerce-related economic activity will generate new tax revenues, which should translate into better services at lower costs.

DESCRIPTORS: Electronic commerce; Tax law; Internet/Web overview;  
Telecommunications services industry  
PRODUCT/INDUSTRY NAMES: 9101100 (Tax Law)  
NAICS CODES: 92113 Public Finance Activities  
FILE SEGMENT: CD File 275  
STATUTE NAME: Internet Tax Freedom Act of 1997 (Draft)

#### Plan Your E-Commerce Tax Strategy. (Internet/Web/ Online Service Information)

... a 1998 federal Internet tax sanctioned by Congress that slaps a 42 percent tax on Internet domain **registration** fees. Further, ITFA prohibits the advisory commission from reviewing billions of dollars in taxes levied on telecommunications...

...the road, during a tax audit. You'll be liable for uncollected taxes, as well as subsequent **interest** and penalties. The government is similarly vexed: If it collects taxes that a court later rules were improperly imposed, all that money must be refunded, along with **interest**. Neither scenario is exactly a confidence boost for Web-based entrepreneurs. The good news is that with...

...very expensive undertaking, so design and act now.

Next, identify the scope of your business. Will you **accept** orders from Canada, Mexico, Japan, and the United Kingdom? Are ...most countries impose a withholding tax on certain types of transactions, such as license of copyrights and **intellectual property**, even if the vendor has no taxable presence in the country. Companies offering **online** information, text, and software in foreign markets may encounter withholding taxes. Some countries require software purchasers to...

...in business-to-business transactions, expect to see a consolidation of players, as in the Netscape/America **Online** (AOL) deal. Smaller companies competing in the **online** market increasingly conduct business through alliances and partnerships. These alliances may create unanticipated tax obligations for smaller...rely on satellite transmissions? Who is going to pay for the phone calls, and for the Internet **connections**?

Such issues magnify prospects for double taxation, particularly for telecommunications companies and utilities. By their nature as...its costs, plus a fixed rate of return. The company appears unconcerned about taxes, since it typically **receives** a 12 percent return on its costs. However, the more you stray outside of those narrow parameters...

...General Motors (GM) could go back to its suppliers, to their suppliers' suppliers and so forth, and **link** those people into production. Through the immediacy of the Internet, prompt feedback about consumers' likes and dislikes is available for the **manufacturer**, the car dealership, and GM's supply chain.

When you consider the finances involved in maintaining **inventory**, and you multiply that through a supply chain, you could plan accordingly and reduce the amount of **inventory** required. Business processes would become more convenient. The Internet has the capability of eliminating paper shuffled for...

...drives e-commerce success. "A year ago, when you talked to people at The Gap about their **online** store, their biggest question had to be about fulfillment, because they didn't know if they'd...

...of each of its physical stores.

Virtual Vineyards is another company that overcame multiple roadblocks to see **online** sales soar. "They had to worry not only about the usual taxation issues, but the beer and...

...these considerations are part of your business plan:

1. Follow the current government and industry developments affecting **online** business.
2. Understand that while taxes should not drive e-commerce business decisions, tax involvement in up...

10/5,K/3 (Item 3 from file: 275)  
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02004747 SUPPLIER NUMBER: 18867948 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Though sysops serve double duty as ISPs, ONE BBSCon disappoints as ONE  
ISPCon. (includes related article on 1996 Dvorak Telecommunications  
Excellence Awards) (Treading the Boards) (Industry Trend or Event) (Column)  
Fowler, Dennis  
Computer Shopper, v16, n12, p660(2)  
Dec, 1996  
DOCUMENT TYPE: Column ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 2136 LINE COUNT: 00172

FILE SEGMENT: CD File 275

TEXT:

Just after I began writing this column four years ago, the **Online** Networking Exposition and **BBS** Convention (ONE BBSCon) debuted at a hotel outside Denver's Stapleton Airport. Jack Rickard, editor and publisher...  
... has been succeeded by the new Denver International Airport, and ONE BBSCon has become ONE ISPCon--the **Online** Networking Exposition and Internet Service Providers' Convention. The repositioned exposition took place in San Francisco this year...

...opening remarks, Rickard announced ONE ISPCon's registrations to be in the 1,700 range.

The main **BBS** vendors--Clark Development, Galacticom, Mustang, and Searchlight--all skipped the show, as did Excalibur, PowerBBS, and virtually all the rest. Only the Unix-based MMB Teammate and Durand Communications Network (MindWire) displayed something resembling **BBS software**. Durand's participation was to be expected, since eSoft has an equity stake in Durand and Becker is on the board of directors.

But though eSoft was there, development on its TBBS **BBS software** has ceased. Instead, the company is concentrating entirely on its Internet Protocol Adapter (IPAD), a plug-and-play solution that can turn a **BBS** sysop into a full-fledged Internet service provider.

In keeping with the conference's new name, the...

...Equipment Corp. to preview Normandy, Microsoft's initiative for bringing the interactive functionality that originated on the **BBS** --capabilities such as messaging and live chat--to the Web.

As of this writing, Normandy has a...

...year. The DEC rep with whom I spoke was fascinated to hear about Searchlight's Spinnaker and **Software** Creations' WebBBS, both of which are already doing much of what Microsoft says Normandy will. The gulf between Web-server and **BBS** -server **developers** still yawns wide, and neither camp seems to be terribly aware of what the other has to offer, although I think the **BBS developers** are much more in tune with Internet technologies than vice versa.

It's unfortunate that vendors such...

...the Moscone aisles languished.

Naturally, the educational sessions concentrated on Internet issues as well. Topics included Java, **intellectual - property** issues, and the technical aspects of setting up and running an ISP business. One of the better...

...s annual Dvorak Telecommunications Excellence Awards also reflected its tectonic shift toward the Internet. Last year, the **BBS** community was represented by awards to Clark Development, Durand Communications, and **Software** Creations; this year, every honored product and personality was Internet-related. (See the sidebar, "The 1996 Dvorak...  
...414-789-4210) and Adam Viener of Cyberia in York, Pa. (717-848-1666), also carried the **BBS** banner. Chuck Forsburg, **inventor** of ZModem, was there; we all tried to talk him into adding crash recovery to FTP.

Many other familiar faces, however--Joe Balshone of The Wizard's Gate, Dan Linton of **Software** Creations, Tess Heder of Channel 1, and Ward Christiansen, the man who started it all with the first **BBS** ever--were missing.

Many of the sysops I met had a glazed, which-way-do-we-go...

...Rickard and Becker have refocused their show to concentrate on the technical and marketing challenges involved in **connecting** people to the Internet, Dvorak urged the audience to consider the value of being a content provider publisher of the paper. In his view, the **connections** are nothing without the content. I agree.

Furthermore, the service-provider market already has large, well-funded, well-established leaders in place--including the telcos and commercial **online** services. It's a highly competitive, quickly saturating market. But there will always be a hunger for more and better content.

The sysops I met who were willing to talk about their BBSs **admitted** that their systems are in transition. Many are considering server-level **software** changes and promised to get in touch with me when they had something they felt was worth...

...begin to draw on local businesses or organizations to help fill their public shelves.

Pioneers On the **BBS** AND ISP Trail

Today, there are boards serving as both interactive information services and Internet service providers...

...World Data Network is a case in point. They split business between the service offerings fairly evenly.

**Interestingly**, they use a Worldgroup Internet server while running the bulletin board service on PC Board server **software**. They also offer ISDN service (703-620-4736), as well as standard telephone **connections** in Virginia and Maryland (703-620-8900; 301-654-2554).

On the WDN Web page, you'll...

...for all the services they offer as an ISP, and you can telnet into their PC Board **BBS** with a mouse-click if you have a telnet client associated with your browser. I use NetTerm...

...Board. The board's massive main menu, so typical of PC Board systems, is showing the server **software**'s age. Hopefully, this will get a facelift when Clark Development gets MetaWorlds, its new Web-based graphical server, out the door.

WDN is a large general- **interest** board that's been around since 1984. As an indication of its size, the list of conferences...

...Pen & Brush." You can also access Usenet newsgroups from the Web site.

There are 14 CD-ROMs **online**; more than 80 games; and many other features such as **online** banking, stock quotes, and even a service for making airline reservations. When I called, the sysops were...

...offer for Computer Shopper.

New callers get five hours of free access once they fill out the **registration** form. Subscriptions start at \$30 for 182 days, one hour a day, with no Internet access.

Another example of the ISP/ **BBS** merger phenomenon is the Point Blank

service on Long Island, N.Y. This is a Worldgroup system, and although the Web page (<http://www.pb.com>) has a colorful advertisement for the **BBS**, and virtually nothing about the Internet services, you can't jump to the **BBS** from the Web page. The sysop could have made this possible with a Worldgroup plug-in; instead...

...the 6MB Worldgroup Manager from the Web page, install it, and use it to telnet into the **BBS** (pointblank.com). You can also simply dial 516-393-7500.

Recently voted the number-one **BBS** on the Internet by the Select List of BBSs, Point Blank is a full-featured **online** entertainment system with plenty to keep you engaged. There are 6GB of files; local, MajorNet, and Usenet...

...the way; and many other games, including Trade Wars 2002. A \$10 subscription gets you 28 hours **online**.

To find other BBSs on the Internet, check out the Select List of BBSs on the Dragon...

...maintain Internet standards

Outstanding Commercial Internet Organization: NSI/InterNIC for determining and doling out domain names

Outstanding **Online** Navigation Tool:  
Digital Equipment Corp. for AltaVista

Outstanding **Online** Research Tool:  
Infonautics for Electric Library

Outstanding **Online** Wire Service:  
The Sydney Morning Herald

Outstanding **Online** Newspaper:  
Chicago Sun-Times

Outstanding Internet Innovation:

Progressive Networks for RealAudio

Personal Achievement in Network Engineering:

Stratacom...interface for IPX

Outstanding Special-Purpose Application:  
NetNanny

Outstanding Web-Management Tool:  
Lotus InterNotes Publisher

Outstanding Special- **Interest** Web Site:  
The Los Angeles Dodgers Site

Outstanding **Online** Document-Publishing Advancement: Adobe Acrobat

3.0

10/5,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01829620 SUPPLIER NUMBER: 17280309 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Law in the electronic age: rights, but not boundaries. (legal issues for multimedia products) (includes related articles about obtaining rights, lawyer jokes on the Internet, an author's moral rights and a software protection manifesto)

Dyson, Peter E.

Seybold Report on Desktop Publishing, v9, n12, p11(9)

August 14, 1995

ISSN: 0889-9762 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 8917 LINE COUNT: 00690

SPECIAL FEATURES: illustration; table

DESCRIPTORS: Industry Legal Issue; Patent/Copyright Issue; Internet; Multimedia Technology

SIC CODES: 4810 Telephone Communication; 7372 Prepackaged software

FILE SEGMENT: CD File 275

... of the properties of television, video games and interactive computers. This new end product has no commonly **accepted** name yet1, but

it comprises both the multimedia and **online** industries.

Anyone who has experimented with today's multimedia and **online** products is immediately struck by how primitive the technology seems. Small movie windows, jerky motion, screen layouts that ignore four centuries of typographic wisdom, hypertext **links** that aren't **connected** to anything, "interactive" games that take their sweet time responding to the user, endless waiting for files...

...confined to computer games, a few reference works and the vast amounts of idle chatter filling the **online** services. Nevertheless, the new digital medium is already reshaping the existing markets for news, entertainment and scholarship...

...this year's Digital World conference. We have no intention of providing a "publisher's guide to **intellectual property** law," however. We are not lawyers, and every lawyer with whom we have discussed these issues has...

...U.S. is a significant market for digital products, and thus its laws may be of some **interest** to content **producers** everywhere.

Background

It is traditional in America to open a discussion of **intellectual property** laws by a reference to the Constitution of the United States. We would not want to flout...

...promote the progress of science and the useful arts, by securing for limited times to authors and **inventors** the exclusive right to their respective writings and discoveries."

This clause of the Constitution did not break...

...accounts the U.S. was the Taiwan or Korea of its day. Entrepreneurs freely pirated designs and **inventions**, while the government's enforcement stance was often one of benign neglect.

That stance changed in the...

...works in overseas markets. The U.S. had also become a hotbed of industrial innovation and its **inventors** needed patent protection overseas. With its own exports at stake, the U.S. became a zealous protector of **intellectual property** -- at least for those kinds of property that it felt deserved protection. It has never **accepted** the concepts of moral rights (see p. 16) and has parted company with its European neighbors in respect to industrial designs. Nevertheless, in the main, the protection of **intellectual property** in the U.S. has for the past century been on a par with other economically developed nations.

Four kinds of property. As most businesspeople know, there are four broad classes of **intellectual property**: copyrights, trademarks, patents and trade secrets. Each of these legal concepts protects different things; each leaves different...been published but not registered, now had the same legal protection as registered works. Congress still encouraged **registration**, however, by providing greater cash penalties for infringement of registered works than unregistered works.

Terms. The term...

...book or streets in a zip-code directory, are not protected. Maps and survey plats present an **interesting** special case: To be useful, they must be very accurate, and if they are very accurate, they...is much in vogue among judicial theorists, it has one terrible flaw. Even the method's proponents **admit** that it is hard for a jury to understand and apply the method, and even harder for...fixed expiration date, but are valid for as long as they are used. This leads to an **interesting** practice. It sometimes happens that a company will want to take one of its brands out of...

...customers each year.

R and TM. Trademarks need not be registered; they need only be used. However, **registration** is a way of notifying other competitors that the mark is being used. Even a small, local...

...new product, a company would do well to conduct a trademark search.

Failure to find a conflicting **registration** in the PTO or the various state agencies is no guarantee that you won't be sued...

...for a company in preparing for an upcoming product launch is to file an "intent to use" **registration**. In the U.S., this early notice is permitted up to one year before the product is...

...Apple sued for infringement of its trade dress. However, until recently the courts have been reluctant to **accept** trade dress suits for software. Even now, not all of the courts agree with the basic premise...

...all newcomers.

#### Patents

A patent is a legal monopoly that is granted to the creator of an **invention**. To be patentable, an **invention** must be novel, original and useful; and it must also be a machine, a process, a composition...the examination process for a patent application often takes two to three years, the effect on most **inventions** will be small. But the change prevents **inventors** from filing an application and then dragging out the process, in effect extending their protection far longer...

...been patented.

But most software fails to qualify for a patent because of another legal hurdle: The **invention** must be novel. This means that at the time it was created, it must not have been...

...three years.

For most publishers, these concerns will seem rather distant. They will expect (rightly) that the **developers** of software toolkits and operating systems would bear the primary risk of infringing software patents. However, we...

...has its own styles, its own artistic rules and rhythms. Thus as print publishers have explored the **online** medium, they have been forced to spice up their offerings with images, sound clips, animations and movies.

In doing so, they have stumbled into one of the messiest areas of **intellectual - property** rights: the rights of people to guard their privacy and control their publicity. These rights are not...

...or studio outtakes, and a publisher might want to use the image or film clip in an **online** product. The rule is simple: If a person's image is recognizable, even as part of the...

...assume that it can be reused later for a commercial product. This makes life difficult for the **producers** of documentaries, encyclopedias and panoramas; much as they would like to evoke the temper of the times...

...footage. There are firms that will sell you the right to use their film clips in your **online** publications. Alas, the right they are selling is not as broad as you need. Typically, these firms...But most communities have such taboos and publishers have learned how to live with them.

In the **online** world, the concept of locale is irrelevant. It is still true that what is allowed in the...

...latter method is common in countries formed from the old Soviet bloc. Does the nation have strong **intellectual property** laws? And more important, does it have effective enforcement for those laws? Many developing nations have the...

...and the EU, however, adhere to high standards of protection.

Until recently, the protection of U.S. **intellectual property** in foreign lands rested on bilateral treaties and on several multilateral treaties such as the Berne Convention...

...of the General Agreement on Trade and Tariffs provide more-or-less-uniform levels of protection for **intellectual property**. (The U.S., for example, extended its copyright duration to **match** European

terms.) They also, for the first time, set standards for enforcement that each nation must adopt...

...to retaliation against its exports in other areas, such as agriculture or manufacturing. For the first time, **intellectual property** has been **linked** with the fate of entire economies. In addition, there may someday be a standard procedure for adjudicating GATT became effective on January 1, 1995. However, many of its **intellectual - property** clauses do not take effect until 1996 in the developed nations and until 2000 in the developing ...

...release information that might identify them. In the U.S., it is routine for mail-order firms, **online** networks and publishers to rent their mailing lists out to other firms; individuals who do not want...program text without altering its behavior, while a tiny change can yield radically different behavior.

Innovations, not **inventions**. Like culture itself, software is built upon the cumulative efforts of many previous **developers**. The requirement to be compatible with existing processors, displays, networks and other programs is a strong selective...

...training support technicians are increasingly nonexistent for software. Manufacturing amounts to disk replication; distribution is moving to **online** media and support means publishing a telephone number. Hence the need for new law.

Davis suggests that...

10/5,K/5 (Item 5 from file: 275)  
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01323200 SUPPLIER NUMBER: 07580798 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Issues of the future.** ( intellectual property )  
RELease 1.0, v89, n8, pl8(3)  
August 21, 1989  
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4350 LINE COUNT: 00363

DESCRIPTORS: Future of Computing; **Intellectual Property** ; Legislation;  
Information Services; **Online** ; Codes; Abstracting; Legal Issues  
SIC CODES: 7375 Information retrieval services; 7372 Prepackaged  
software  
FILE SEGMENT: CD File 275

**Issues of the future.** ( intellectual property )

TEXT:

...of look-and-feel and interfaces, it's still not likely to suffer from hordes of unemployed **intellectual property** lawyers, because technology advances will provide them with two new problems to address -- on-line information packaging...

... the information. The biggest problem is simply defining the product and the unit of measure. Is it **connect** time, access, etc.? What kind of use is to be made of the information? Can one corporate...

...to Fred to Bill

And it can be resued in many ways. Who owns it, and what **interest** does he retain, after it's been filtered, massaged and turned into yet another database? Can a...

...send out a fax of a patent he downloaded from Lexpat? What about the same patent he **received** from the Government Printing Office? All these questions will keep lawyers occupied for years.

Textual data raises...

...PC Week, say, for \$100 or so a year, and resell summaries for hundreds of dollars?

More **interesting** in the long run is the notion of assembled texts: Users may end up reading only paragraphs here and there, following **links** set up by a human editor or an intelligent agent. Do we really want to pay royalties...

...his publisher) and how much to the person who -- or owner of the agent which -- created the **links** ? That of course is for the market to determine, and it will be **interesting** to see how it shakes out.

Packaging

In essence, we're going back to the world of...

...that even nowadays are too expensive to deploy locally. After the text has been categorized and **linked**, then individual users will be able to follow specific typed **links** or queries, and get what they want.

The new model is client-server architecture, where both ends...

...CODE

Reusability is a fundamental principle of object-oriented computing. It also underlies the notion of dynamic **link** libraries, modular programs and interprocess communication found in OS/2 and UNIX (among others). If applications can talk to each other, they can use each other's services instead of doing everything themselves. Each **developer** does only the parts he can do best, and de facto reuses other people's modules for...

...believe the market -- with its trial-and-error, risk-and-incentive mechanisms effected through the application of **intellectual property** law -- is by far the most effective approach. In a world without incentives based on some notion of **intellectual property**, we can't see what forces would propel the creation of good products and of standards. Vendors ...a huge object-oriented transaction database, a sort of Library of Congress-cum-stock market of functional **intellectual property**. Of course, software is not as fungible as stocks are, but that's why it's an **interesting** technical challenge. (See Release 1.0, 89-6, "SQL and prices," page 19.)

POSTSCRIPT: SOVIET UNION AGAIN...

...about. So it may be instructive to relate what it's like in a world without private **intellectual property** (or much of any other kind, either). People do have some incentive to create software, because the...

...There's no reason to. Meanwhile, because there's no incentive to spread information about any new **inventions** in the software (an integral part of a market system), **developers** don't learn from each other. Sure, people trade programs and there's some interaction, but the...

...Prodigy, MCI Mail, USENET, Internet, et al. The only way we know to get around to getting **online** is to commit ourselves to writing about them. .

\* Network navigation.  
\* Transaction processing.  
\* Object-oriented database status report...of new products and technologies." Contact: Elizabeth Batson at (415) 857-9388.  
September 19-22  
Ashton-Tate **Developer** Conference - Anaheim, CA. With subconferences on Framework and Mac products. Call Brad Stevens, (213) 538-7348 or...

...Slater, (415) 494-2677.

September 22  
Massachusetts Computer Software Council strategic partnering conference - Newton, MA. Meet your **match**. Call Joyce Plotkin, (617) 437-0600.

September 24-26

\*Agenda 90 - La Costa, CA. Sponsored by P...

...6

CD-ROM Expo - Washington, DC. Sponsored by IDG Conference Group. Contact: Dorothy Ferriter, (508) 879-6700 (**registration**), or Richard



Winant, (617) 329-8090 (exhibits).

October 2-6

Interop 89 - San Jose. Interoperability made tangible...

...by Electronic Mail Association. with Warren Prince, Tymnet; Mike Zisman, Soft Switch; others. EDI, X.400, and **connected** topics. contact EMA at: telephone, (703) 522-7111; fax, (703) 528-4251; AT&T Mail, !EMA; Dialcom... Thomas Pigoski, (904) 452-6399.

October 16-19

Scan-Tech 89 - San Jose. Sponsored by Automatic Identification **Manufacturers**. On beyond retail bar codes, including integration with EDI, tracking materials in offices, etc. Scan-Talk: Munster...cut into my print revenues, or will it in fact serve as a marketing vehicle that will **attract** users to other forms as well? In other words, does it satisfy demand or create demand? Varying...

...DESCRIPTORS: **Intellectual Property** ; ...

... **Online** ;

**10/5,K/6 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

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01195905 CMP ACCESSION NUMBER: EBN19990712S0003

**Exploring Alternatives - A Growing Number Of Sites Offer A Variety Of Services, Ranging From Online Auctions To Detailed Catalogs To Comparative Technical Data.**

ELECTRONIC BUYERS NEWS, 1999, n 1168, PGE14

PUBLICATION DATE: 990712

JOURNAL CODE: EBN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Extra: Distribution

WORD COUNT: 10559

TEXT:

--

COMPANY NAMES (DIALOG GENERATED): American IC Exchange ; Americas ; Arrow Electronics Inc ; Aspect Development Inc ; Avnet Inc ; AICE ; AMP ; Boston Globe ; Broker Forum Inc ; Cadence Design Systems ; Cannon ; Central Resources Inc ; ChipCenter LLC ; Cobro Publishing ; Cogent Software Inc ; Components Inc ; CompUSA ; Consumer Electronic AG ; CHS Electronics ; CMP Media Inc ; D & B ; Digital Market Inc ; Distributor Avnet Inc ; Dun & Bradstreet Corp ; Electronic Industries Alliance ; Engineering Products ; Entrelec ; EDI ; EDTN Design Center ; EE Design Center ; FairMarket Inc ; FastParts Inc ; FreeMarkets **Online** Inc ; Future Electronics Inc ; FASTXchange Inc ; FCI ; Gibson ; Global Exchange ; Hearst Business Communications ; Hearst Business Publishing Group ; Hewlett Packard Co ; Hitachi ; Inacom ; Information Center ; Information Handling Services ; Ingram Micro ; Insight ; Intel ; InPart Electronic ; IBM ; ITT Industries ; Marshall Industries ; Mediagrif Interactive Technologies Inc ; Memory Network ; Microcom Technologies Inc ; Motorola ; National Semiconductor Corp ; Need2Buy Inc ; NetBuy Corp ; Newark Electronics ; NECX Direct ; NECX Global Electronics Exchange ; Outsourced Internet Procurement Automation ; OEMs ; Parametric Technology Corp ; Part NET ; PartMiner Inc ; Procurement ; QuestLink Technology Inc ; Semiconductor Products Group ; Siemens ; Sierra Ventures ; Soletron ; Stocknet Corp ; Stocknet Group ; SupplyBase Inc ; SupplyView ; Tech Data ; Toshiba America Information Systems ; U S Department of Defense ; USBid Inc ; Virtual Chip Exchange Inc ; Virtual Component Exchange ; VCX ; Web ; Wyle Electronics ; 3Com

**Exploring Alternatives - A Growing Number Of Sites Offer A Variety Of Services, Ranging From Online Auctions To Detailed Catalogs To Comparative Technical Data.**

American IC Exchange

www.aice.com

American IC Exchange considers its **online** business an extension of its traditional operations-except the former is open 24 hours a day, seven ...

...that a customer can do by calling on the telephone or through e-mail can be performed **online**, said Jim Binford, managing director for AICE, Aliso Viejo, Calif.

However, the independent distributor is planning a...

...wants to have continuous updates.

"Our Web site is a phase-one Web site in terms of **online** purchasing, which offers static pricing information," Binford said.

**Inventory** from all preferred vendors that has gone through a qualification process is available for sale **online**. And customers can now view product portfolios for memory devices and microprocessors based on their own part...

...market pricing information for DRAMs and CPUs.

Less than 5% of AICE's sales are generated from **online** orders. In most cases, customers want to talk to traders and verify their orders, and they all...

...trade-related information.

The site is supported by advertising and hosting fees paid by suppliers for their **online** presence; there's no charge to buyers.

In development for the site are global, regional, and local...

...international trading center The Broker Forum Inc. is to provide sourcing tools for independent distributors.

Unlike other **online** trading centers, The Broker Forum, a division of Mediagrif Interactive Technologies Inc., collects entire **inventory** databases from its members and consolidates them into a single database on its Web site. This allows...

...to negotiate the purchase. Contact information is provided for e-mail, telephone, or fax.

No transactions occur **online**, but there are more than 6,000 RFQs processed daily from the site for components such as...

...offers daily. These postings are sent every day via e-mail to all members who want to **receive** them.

The Broker Forum has more than 1,400 members from more than 62 countries.

A database-generation program runs **inventory** updates once every hour. However, members send updates to the Broker Forum on various time schedules-daily...

...need to update the database," said Patrice Breton, vice president of Broker Forum.

In the future, the **online** company hopes to provide client-server applications that enable clients to update their **inventories** transparently so that every time **inventory** is updated, it shows up on the Broker Forum's site in real time.

Revenue is generated...

...in which members are asked to provide three references in the industry. If they check out, they **receive** a certification tag next to their stock when buyers are searching for data on parts availability.

-Ghe added.

National's **online** catalog contains more than 8,000 devices. For those who want to deal directly with National, the...

...submitted via feedback forms are answered within 24 hours.

Seven distribution partners are listing their National Semiconductor **inventory** on the site, including Avnet, Digi-Key, Pioneer, Premier Farnell, and Wyle.

"Referral activity into the distributor...  
...number for any part that National sells. The site offers the option of creating price and distributor- **inventory** tables that allow purchasers to compare the offerings of different distributors at a glance.

A cross-reference...

...information.

Other features include a selection guide that acts as a virtual resale price book with alphabetical **links** and an obsolete-parts search function.

-H.L.M.

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CAPSPert

[www.ihsengineering.com](http://www.ihsengineering.com)

Information Handling Services (IHS...

...CD-ROM.

CAPSPert also includes databases on semiconductors as well as multipin-cylindrical and printed-circuit-board **connectors**.

Although customers are mainly engineers, others that might use the site include manufacturing, materials management, research, and...

...are parametrically searchable and offer information on more than 14 million parts from more than 1,500 **manufacturers**.

The user can select components; compare parts information side-by-side; identify alternate sources; and view **manufacturers** ' data sheets, applications notes, and technical specifications; and obtain **manufacturers** ' telephone numbers and addresses.

The Internet databases, which are available via subscription, help the user find pin...

...every 30 days.

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Central Resources Inc.

[www.centralres.com](http://www.centralres.com)

Central Resources Inc. provides a forum for distributors, **manufacturers**, and brokers to list their new or excess **inventory** for sale. For monthly fees ranging from \$35 (for up to 50 part numbers) to \$80 (for...

...several thousands), vendors can anonymously advertise their merchandise in the Central Resources database.

Buyers browsing the site **receive** a fax-back form for the parts they're **interested** in purchasing. The form includes the part number and description, and a contact name and fax number...

...is more than a convenient cloak for sellers that want to quietly shed obsolete devices or surplus **inventory**, however. It's also aimed at encouraging them to list their parts on the site.

"It's hard to convince **manufacturers** to list their excess **inventory**," said Ralph Smith, president of Central Resources, Bloomington, Minn. "They're more apt to throw their parts...

...of dollars of unused parts out there. My goal is to get people to list their excess **inventory** so other people can buy it and put it to good use."

One key advantage of anonymously listing surplus **inventory** is that it allows **manufacturers** to sidestep the frequently Byzantine legal issues involved in offloading branded products at fire-sale prices.

"One...

...more than a year to get the necessary clearance from his legal department to sell his excess **inventory**," Smith said.

For companies with no reservations about making their names known, Central Resources also offers Web...

...month.

Central Resources' objective is to provide an inexpensive, comprehensive solution for marketing new and used products **online**. "The products on our site are not necessarily all excess **inventory**," Smith said. "We also provide another way for sellers to market their new products. Either way, our...

...e-commerce business-to-business Web site for electronic engineers and purchasers that is due to go **online** this month.

Arrow Electronics Inc. and Avnet Inc. are equity partners in ChipCenter LLC, along with software **developer** Aspect Development Inc. and high-technology publisher CMP Media Inc. (Late last month, Avnet agreed to acquire...

...the buy-out.)

The joint venture is an expansion of EDTN Design Center, a two-year-old **online** effort between CMP and Aspect.

ChipCenter will consolidate demand creation, demand fulfillment, and e-commerce transactions in...

...executive of ChipCenter LLC, New York.

Users are required to register to search the supercatalog of aggregated **inventory** and to place orders. Payments will be made by credit card and via existing or new accounts...

...the site is fixed, and all sales transactions will take place at the distributors' Web sites. The **online** company may ...hours.

While it will be up to the distributors to decide how often they will update their **inventory** and pricing, Mhatre believes distributors will initially update their information daily and eventually will do so more frequently.

Revenue will be generated from **online** advertising, sales commissions from distributors, **online** sponsorship packages, and subscriptions.

The biggest challenge is not so much **attracting** people to the site but getting them to buy **online**, Mhatre said. "So far, not much is sold **online**, and the real trick is bridging content with buying."

And the most unique features of the site include the highest coverage of franchised **inventory**, guaranteed delivery, and **manufacturer** warranties, Mhatre said. While he declined to discuss features that will be added to the site, he...

...www.stknet.com

CHIPsource is an interactive trading center designed for independent distributors and brokers of cable, **connectors**, semiconductors, and passive and electromechanical components.

This reseller-to-reseller Web site contains a database of more...  
...from ElectroNet, a franchised-distributor database.

Both databases are used as tools for parts location and availability. **Inventories** are updated daily from more than 200 distributors via e-mail or FTP.

Launched in 1996, ElectroNet lists franchised-distributor **inventories**, and allows OEMs to search their stock at no charge. When a buyer searches the database by a specific part number, it provides a list of vendors with parts availability ranked by the latest **inventory** date first. One click on the part selection provides information on the distributor, including URL and e...

...of Stocknet Corp.

What differentiates the CHIPsource Web site from others is that the resellers can check **inventories** of 91 of the top 100 franchised distributors via the ElectroNet database, said Steve Hebbler, director of ...

...for the Stocknet Group. And an interactive feature of the service notifies buyers and sellers of product **matches** via e-mail. Buyers and sellers communicate through e-mail at the Web site.

CHIPsource users can...

...the site is that members can choose who can view their stock offers and requirements and upload **inventories**.

CHIPsource is not involved in any of the transactions. Its revenue is derived from a monthly membership...

...site also offers a service called STOCKcheck, which specializes in the design of custom search engines for **manufacturer** and distributor Web sites.

-G.R.

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DeveloPages

<http://www.developages.com>

DeveloPages is a Web directory designed...

...of custom parts and assemblies.

DeveloPages, whose database consists of more than 15,000 companies including contract **manufacturers**, industrial designers, and logistics providers, is the flagship directory of SupplyBase Inc., a San Francisco provider of Web-based sourcing products and services for **manufacturers**.

The SupplyBase directories, including DeveloPages, can be searched on the basis of supplier, industry, capabilities, equipment, certifications...

...Dun & Bradstreet Corp. for the Murray Hill, N.J., credit-risk company to provide third-party validation.

"**Manufacturers** (using our directories) were looking for reliable third-party information to differentiate suppliers based on performance, risk...

...their own supply-chain extranet so that potential suppliers can come to them.

Digital Buyer allows large **manufacturers** to create an online supply-chain-management system. "**Manufacturers** end up with their own Internet-based supplier extranet," said Michele Dostert, director of marketing at Digital...

...of acquisition and direct material prices.

The software allows OEMs to give each of their suppliers—including **manufacturers**, distributors, and contract **manufacturers**—a unique log-on and password. During a project, an RFQ e-mail, which might include drawings...it with a distributor, which then drop-ships the parts directly to the buyer. Distributors map their **inventories** and prices to the site every night.

Distributor Avnet Inc. this summer is offering live **inventory** data that is being updated every four hours for thousands of parts, Shultz said. "It's a...

...that users can search for part data, get price and delivery information, procure the part, and then **receive** it within 48 hours.

EE Design Center answers product queries every 1.2 seconds and delivers data...

...million.

-G.R.

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ElectroBase

[www.electroBase.com](http://www.electroBase.com)

To find the branch offices of local electronic distributors and **manufacturers**' representatives, plus product information for more than 8,300 suppliers, click on a region of the map displayed on electroBase's Web page.

The **online** -sourcing company's focus "is purely at the line-card level," said Brian Cole, publisher at Cobro...

...the Lynwood, Wash., originator of electroBase. "We don't get involved

in orders. We don't do **inventory** . We don't do e-commerce."

The database, which is updated weekly, aims to help the user...  
...for sources in eight U.S. regions as well as Canada and other countries.

ElectroBase also assists **manufacturers** looking to sign up reps and vice versa.

The site, which averages 350,000 hits a month, has **links** to the Web pages of more than 2,200 **manufacturers** and more than 1,600 distributors and reps.

On the site, electroBase tells users, "While we do not require a reciprocal **link** from your Web site in order for you to be listed, we would appreciate a **link** ."

There's no charge to use electroBase; 100% of its revenue is from banner advertising.

Cole, whose...

...he said.

-Corinne Bernstein

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FairMarket Inc.

<http://www.fairmarket.com>

FairMarket Inc. started out as another typical **online** auction site, but decided early in life that there might be more gold to be found in...

...wanting to add that function to their own Web sites.

Numerous companies are beginning to realize that **online** auctions can bring more traffic to their Web sites and can provide "site stickiness," or customer retention...

...Community AuctionPlaces, for the members of groups who want to build their own sites and participate in **online** auctions; and Merchant AuctionPlaces, which lets businesses upload all their available items at once and download orders...

...billing purposes.

Site licensees can set payment and shipping options, control the length of the auction, and **receive** automated e-mail notification of winning bids. An automated FairMarket software feature enables bidders to set a maximum bid price, and they can then view the bidding process **online** at any time to see how they are faring.

FairMarket also offers full customer service, as well...including CompUSA, Lycos, EarthWeb, and Boston.com (the Internet site of the Boston Globe), FairMarket in March **received** a \$10 million infusion for development from venture-capital firm Sierra Ventures.

-B.G.

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FastParts.Com

www...

...Internet, FastParts.Com, formerly FastParts Inc., Chicago, began in 1991 to bring together sellers of surplus component **inventory** with buyers by relying on electronic bulletin boards. Today, the company conducts all of its business on the Internet.

"We wanted to provide a method where OEMs, contract **manufacturers**, component **manufacturers**, and distributors could list **inventory** that they wanted to sell anonymously," said Tim Lavelle, vice president of business development for FastParts.

When FastParts **received** its first infusion of venture-capital funding in 1996, part of the deal required that the company become Web-based.

Buyers can anonymously access price and delivery information, and negotiate with sellers **online**. The company lists a mix of available **inventory**, from franchised distributors to obsolete parts. Most of the components sold at the site are semiconductors.

All...

...and sellers-are screened for free membership. All sellers are coded by type of company (OEM, contract **manufacturer**, franchised distributor, and independent distributor), so buyers can choose the type of company they want to do...

...the funds are in place, the seller is notified to ship the products to Fast Parts.

The **online** company changes the shipping documents to maintain the anonymity of the two partners, and the parts are...

...partners that can provide us with a steady stream of product-whether they are distributors, OEMs, component **manufacturers**, or contract **manufacturers**," Lavelle said. "And we are reviewing the entire process of how we do business to streamline it..."

...the trading exchange can opt for FastPart's auction service to ensure a quick sale of their **inventory**.

"Our challenge is to convince people that the aggregation of **inventory** in one place and offering of several choices is a good choice for them," Lavelle said.

-G...

...loads in a customer's requirements, including preferred suppliers, contractual terms, pricing, delivery, and specifications. Once a **match** is identified, FASTXchange sends a purchase order electronically to the supplier, which drop-ships the order to...

...time-consuming task off their hands. And that goes directly to their bottom line."

-G.R.

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FreeMarkets Online Inc.

<http://www.freemarkets.com>

FreeMarkets Online Inc.'s motto could very well be: "The buyer is king; let the supplier beware!"

FreeMarkets Online is an electronic marketplace whose customers are corporate purchasers. FreeMarkets, based in Pittsburgh and founded in



1995 boards at FreeMarkets' **online** auctions have saved an average of 38%, while capacitor buyers have averaged savings of 18%, said Kevin Young, director of marketing.

Electronic products rank third in terms of goods sold through FreeMarkets' **online** auction, behind metals and plastics, Young said. Almost all of the products purchased through the company's...

...worth of industrial parts and commodities sold through FreeMarkets' auctions last year, Young said. That compares with **online** sales of \$223 million in 1997, he added.

According to Glen Meakem, chief executive and co-founder of FreeMarkets **Online**, a lot of **online** auctioneers focus on how to help the supplier get its message across. But in today's world, Meakem said, where so many are **linked** through the Internet, it's the buyers who gain power and the suppliers who lose it.

So why would suppliers find anything **appealing** about FreeMarkets' **online** bidding? The answer: the potential for much larger markets, particularly for smaller companies. Suppliers, however, can't hope to succeed in these highly competitive **online** bidding battles unless they wring cost inefficiencies out of their operations, Meakem said.

"The choice (for suppliers) is between being a high-quality, low-cost **producer**, in which case the market will reward you, or operating inefficiently, in which case you'll lose...

...Site for components. Engineers and purchasers can view HP product data sheets and application information and be **linked** directly into Chicago-based catalog distributor Newark Electronics' secure Web site to place an order.

HP selected Newark as the first **online** component distributor partner because it specializes in selling small volumes, said Frank Robertazzi, Americas distribution manager for...

...order quantities, so we choose to focus on Newark in terms of buying small quantities.

"As a **manufacturer**, we have to seamlessly work with our partners and this was our first (e-commerce) attempt so that we could generate **interest** and demand, and have distributors handle order fulfillment," Robertazzi said.

Newark's **online** shopping-cart system makes it easy for customers to order small quantities of HP components such as...

...several items in their shopping cart, and see a readout of the purchase total. Since real-time **inventory** quantities are available, buyers can see if the required parts are in stock.

Transactions are paid for...

...from Avnet Inc., Arrow Electronics Inc., Wyle Electronics, and Future Electronics Inc.

HP is setting up extranet **links** with some direct customers to provide access to customer-specific information such as order status and backlog...

...register to use the free service. The site, which was launched in March 1996, lists 345 IC **manufacturers** and is updated monthly.

The IC Master site contains pinout and packaging information for the devices, as well as **links** to the **manufacturer** Web site, distributor listing, and other information.

Users can search for a specific part, for parts within a specific category, or for a certain **manufacturer** . The IC Master site recently added a parametric search capability that allows for more advanced searching by information.

An IC Logo finder allows visitors to identify a device by **matching** the logo on the chip. For ordering information on the IC Master catalog or CD-ROM for...

...than 400,000 models and 8 million technical specifications created and maintained in partnership with leading component **manufacturers** .

InPart technology makes it easy for design engineers to locate components **matching** the functional characteristics required for use in product designs. Additional information about these products can be obtained at the Web site.

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Mectronic.net

www.mectronic.com

Mectronic is a virtual **matchmaker** between buyers and suppliers-looking to help each find a compatible partner.

"Our goal is to provide a simple search platform that allows buyers and engineers to quickly interact with suppliers and **manufacturers** of electronics, electrical, and mechanical product offerings," said Gerald Willis, publisher of Mectronic, Sunnyvale, Calif. "Our role...

...any of six sections. The parts-search section lets users look for a specific part number or **manufacturer** part name. Listing both franchised-and independent- distributor sources, the database contains about two million part numbers, including those for active and passive components and packaging hardware.

In the **manufacturers** ' section, buyers can search by **manufacturer** ( or by referral name if a company name has been changed), while the product section allows for searches by product category. The service section, which includes contract **manufacturers** and machine shops, allows purchasers to search for the products they need based on a value-added...

...required to register to use the service, which has about 3,700 registered users. After they have **received** a password and user ID, they are able to send RFQs directly to suppliers. In addition , Mectronic provides technical support to its **manufacturers** and distributors for developing **online** interactive pages that automate the RFQ process substantially.

"The **manufacturer** can create a very automated page that customers can come to and structure an entire product with...

...the seller," Willis said.

-H.L.M.

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The Memory Network

www.memorynetwork.com

The Memory Network, an **online** trading floor for memory chips and modules that was launched in February, lets users buy and sell...

...been so slim," said Jody DeVere, managing business partner at Mediagrif

Interactive Technologies Inc., the Canadian software **developer** that designed the Web site. "This is an inexpensive and real-time way for purchasers to buy...

...among more than 100,000 line items from more than 700 registered suppliers (including 250 memory-module **manufacturers**, 300 memory traders, and 300 Asian suppliers) by commodity, configuration, or part number. The Multi Search function...

...added.

Also offered is an extensive cross-referencing system that allows users to compare products from different **manufacturers**.

Buyers can also peruse daily memory-related news, use the memory cross reference, and check daily currency exchange rates in the Information Center. The Information Center also offers **links** to the corporate sites of memory **manufacturers**, a glossary of terms, and a lead-times trend section, which lists lead-time information of specialty components.

Until Sept. 1, the site is offering a free trial period for **interested** purchasers, although eventually it will be structured on a yet-to-be-determined per-transaction fee. One...

...or seller forecasts aren't working as planned-when there's either too much or too little **inventory** available.

The primary customer for the exchange, which specializes in **matching** supply and demand and doesn't stock **inventory**, is the purchasing or asset manager, noted Elan Bair, executive director of marketing and business development at...

...comfortable with it."

NECX has developed a "Web call" capability that allows users to click on a **link** to a trader, who will immediately call back and negotiate terms of a trade.

The challenge for...

...for almost 20 years," said Keith Halloran, vice president of marketing for NECX Direct, the company's **online** catalog of computer products.

Buyers can actually make purchases **online** using NECX Direct, which derived \$86 million of its \$430 million in 1998 revenue from business transacted...

...of marketing at Need2Buy, Westlake Village, Calif.

The site uses a proprietary system to select a specific **manufacturer** or commodity that **matches** the requested products from a database of franchised and independent distributors. There are more than 1,000 **manufacturers** in the database with **links** to their sites.

The buyer logs on and posts RFQs on the Web site. A proprietary "expert..."

...auction in which all bid prices are shown, but the bidders are hidden from public view. The **online** company is not involved in any part of the transaction.

For obsolete or hard-to-find parts...  
...and the orders are forwarded electronically to distributors to be filled.

The company maintains a \$2 billion **inventory** of more than 370,000

standard parts, including passives, electromechanicals, and niche semiconductors, as well as software...

...shipping confirmation within 10 hours.

-P.W.

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net Components Inc.

www.netcomponents.com

net Components Inc.'s **online** database provides users with unlimited access to information on 5.9 million items from 650 franchised and independent distributors worldwide for a monthly fee of \$45. The site acts as an **online** introduction service for buyers and sellers, providing component information from distributors and contact information to buyers.

"We...in unethical ways, " Allen said.

The site features an upload area for stocking distributors to list their **inventory** for free. The decision to charge buyers rather than distributors has been an important part of the...

...is to create a neutral place where buyers and sellers can meet, communicate requirements, and transact business **online**. While PartMiner is currently using a mining technology to gather pricing and availability from suppliers' sites on...

...database gives users the ability to standardize their bills of materials so that the information can be **accepted** by any supplier.

"To communicate over a single platform, you need a standard for how information is...

...cross their data against a master database so that they can be sure to give the correct **manufacturer**'s part number."

-Diane Trommer

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Part NET

www.partnet.com

The Part NET solution for **connecting** buyers and sellers on the Web revolves around a concept that chief executive Don Brown describes as...

...different sources," Brown said. "The ePort software resides at the source site of whomever has the actual **inventory**, and allows the people responsible for that **inventory** to also handle the data attached to it."

One of Part NET's earliest customers was the...

...The arrangement provides a unique value-add for the software vendor, as other Part NET customers can **link** their product catalog to the DoD EMail for free, giving them access to thousands of government buyers...tracking down product-change and obsolescence notices.

The service, launched in May 1998, has 65 suppliers, including **manufacturers** of both active and passive components, that submit product-change and end-of-life notices.

Registered users can set up individual filters to prompt the service to send e-mail about certain **manufacturers**, components, or types of notifications, or even to filter information only on a specific

approved-parts list...

...all products. The complete notice, as well as data sheets on suggested replacement parts, are also included **online** .

Additionally, users can compare their components list against past notices that have been listed on PCNAlert.com...

...primarily of computer makers, software vendors, resellers, and distributors, promises to represent the entire supply chain, including **manufacturers** , distributors, resellers, and end users.

The independent, self-funded, non-profit consortium is working to establish standard...

...developing common Partner Interface Processes (PIPs) that will provide common business/data models and documents enabling system **developers** to implement the group's eBusiness interfaces.

In the second quarter of this year, the group completed...

...SupplyView.Com recommends a weekly update and has found that many of its distributors choose to post **inventory** updates as often as daily.

To register and get a password, buyers must offer verifiable proof (such as a Dun & Bradstreet **registration** ) that they are truly buying for OEM manufacturing purposes. Once a member, buyers can search for specific ...site's Quote Trak feature gives the user the option of leaving an RFQ in a secure **online** mailbox for the supplier. Users are charged \$55 a month. For new users, there's a special free trial offer for the summer.

The site also provides an **online** source directory, which lists which distributors carry which franchised lines.

Future upgrades for the site might include...

...included at the supplier's discretion).

-H.L.M.

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USBid Inc.

www.usbid.com

Acting as an **online** auction house for larger OEMs who want to sell their surplus components and assemblies, the USBid Inc...

...registered users.

"In this industry, it's common to talk about just-in-time manufacturing and zero **inventory** , but companies tend to create new excess **inventory** every founder Jerome Pepin.

USBid sets the initial price for each batch of items, which are listed...

...computing its revenue is based on the difference between the price it pays an OEM for the **inventory** and the price the buyer pays to win a particular auction.

The winning bidder then places a...

...the company's firewall. Items are shipped directly from the seller to the buyer.

"The price of **inventory** is dynamic," Pepin said. "We use the

auction mechanism to determine the price of the product. That...

...Members log on to Virtual Chip Exchange Inc.'s site to search and purchase microchips, offer excess **inventory** for sale, and find information on up-to-date market prices, lead times, technical support , and global...

...and chip trading company Consumer Electronic AG, Munich, Germany, offers close to \$1 billion in excess semiconductor **inventory** .

OEM customers can apply for membership at the VCE Web site or via e-mail. Members can post their excess **inventory** lots directly at the site, or e-mail their **inventories** to VCE for posting. They can perform various searches including part, parametric, and bill of materials, and...

...is available if a component is not sold at the site.

Membership is restricted to OEMs, contract **manufacturers** , and component **manufacturers** . There is a 30-day trial membership. After 30 days, members pay a one-time license fee...

...component marketplace has recently seen a new breed of semiconductor-the virtual component, also known as semiconductor **intellectual property** . In light of this development, the Virtual Component Exchange (VCX) is attempting to organize the global marketplace ...

...of these virtual components ( VCs). The Scotland-based group is hoping to allow for the use of **intellectual property** to reduce time-to-market for new products while still offering protection and support for both the ...

...has 15 member companies, including Cadence Design Systems, Hitachi, Motorola, and Toshiba. Membership is free through an **online registration** process.

Member companies may be invited to join working groups that address business and legal issues involved...

...COMPANY NAMES (DIALOG GENERATED): Industries Alliance ; Engineering Products ; Entrelec ; EDI ; EDTN Design Center ; EE Design Center ; FairMarket Inc ; FastParts Inc ; FreeMarkets **Online** Inc ; Future Electronics Inc ; FASTXchange Inc ; FCI ; Gibson ; Global Exchange ; Hearst Business Communications ; Hearst Business Publishing Group...

10/5,K/7 (Item 2 from file: 647)  
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01154723 CMP ACCESSION NUMBER: NWC19980301S0018  
**The Nuts and Bolts of Business-to-Business E-Commerce**  
Brian Walsh  
NETWORK COMPUTING, 1998, n 904, PG72  
PUBLICATION DATE: 980301  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Features  
WORD COUNT: 4964  
TEXT:

With commercial **interests** fueling the rapid growth of the Internet, sooner or later your organization will have to jump on the electronic commerce bandwagon. Nine companies tell us how they succeeded in making the transition.

COMPANY NAMES (DIALOG GENERATED): Allied ; Approach ; Avnet Direct ; AT&T ; Blue Cross Blue Shield ; Bonneville Power Administration ; Buying Organization ; Computer Marketing Group ; Corporate Procurement Group ; CyberGuard Corp ; Eastern Utilities Associates ; EasyStreet **Online**

Services ; EDI ; FoodService ; GEIS ; Hamilton Hallmark Technologies ; Industrial Marketing Group ; Intranet Solutions ; IBM Corp ; ISP ; Long John Silver and Dairy ; Microsoft Corp ; MischiefNewMedia ; Motorola ; MS Market ; Open Market ; Oracle Corp ; OEM Marketing Group ; PhotoDisc ; Premenos ; Requisite Technology ; SecureBuy ; Selling Organization ; Taco Bell ; U S Department of Energy ; Web

TEXT:

With commercial **interests** fueling the rapid growth of the Internet, sooner or later your organization will have to jump on...

... of a mesh of trading partner relationships for more than 20 years. With e-commerce, electronic component **manufacturers** provide samples to their distributors. Photojournalists submit images to a stock house. Fast-food outlets combine their purchasing power. Health-care companies check eligibility and **receive** settlement. And the guy who sells stepladders to the giant home center uses e-commerce because that...

...But the real lure is undoubtedly the money.

We're all in it for the money. Commercial **interests** are the largest segment of the Internet and will continue to fuel its growth. Think of all ...

...EDI is faceless; no common user interface or mechanism addresses what the Web does so well : promotions **links** , editorial content, integration with internal systems and intensive personalization access. Customers can help themselves-and get fast...

...access to trading partners and time to market-a vast number of businesses already have an Internet **connection** , thereby eliminating costly setup delays associated with dedicated point-to-point private lines. Generally, the challenges are...

...be signed. When not negotiated offline, they need signatures. Many states have modified their contract laws to **accept** certificate authority X.509 signatures to authenticate documents. However, certificates can be hard for the average user...is a high-volume customer. This key account will typically have face-to-face presales support and **receive** customized pricing, promotions and support. These users start to interact with in-house MRP or **inventory** systems, and cross-populate catalog information between buyer and seller. VPN (virtual private network) tunneling protocols and...

...work."

At the top of Kochheiser's business wish list is a desire to outsource the local **registration** authority process to the CA, thus relieving the consortium of the responsibility of confirming, installing and configuring...

...basic economic relationships your organization can share with a business partner as part of an e-commerce **online** trading environment. You can be the consumer. As a consumer, you are the buyer, and the relative...

...is in direct proportion to the volume of your purchases. The minimum tasks for you to complete **online** are searching for the goods you want, obtaining pricing, placing orders and tracking orders.

A second role is that of **producer** . As a **producer** , you manufacture a product and offer it for sale. Your relative influence depends on the exclusivity of the product, its availability and its price. Common tasks for the **producer** are providing price quotations, creating purchase orders, checking **inventory** levels, **accepting** payment (or feeding some accounts-receivable system) and shipping a digital product (or triggering an order-fulfillment...

...disappear on the Internet. In an ideal electronic market, every consumer would seek and find the perfect **producer** , negotiate the best price and execute the transaction in the most efficient manner. The costs for doing...

...to happen. Middlemen are finding more opportunities on the Internet, not fewer. Common tasks for intermediaries are **matching** buyers with sellers, retailing, adding value and developing support.

Hard and fast distinctions between partner and competitor...a monolith that produced the electricity and transmitted it to your doorstep-there are now two: a **producer** that generates the electricity and a distributor that delivers it. Distributors will remain a local monopoly because...

...intuitive interface for MRO (maintenance, repair and operations) or administrative procurement. We also wanted it to include **intellectual property** that we buy, content for our external Web sites and code we incorporate into our applications."

The...

...All of Microsoft's vendors-from office suppliers to desktop computer makers to marketing and temp agencies- **receive** purchase orders through the site. One would think that with that type of purchasing power Microsoft could...

...suppliers. It provides all types of JIT (just-in-time) delivery of products and services to electronic **manufacturers**, except marketing and research. Avnet pursues different distribution models and has established separate companies to deal with...

...and catalog distributor Allied all have established an Internet e-commerce presence and are actively conducting an **online** transaction-oriented business, with Avnet Direct dedicated solely to Internet-based commerce.

The best way to envision...

...component purchasing for its computer production facilities come from Avnet, including those Motorola manufactures. "We take its **inventory** needs and provide a suite of value-added services for them. We then kit together all of the materials and deliver them in JIT fashion. The moment Motorola wants the **inventory**, Avnet **receives** an electronic update. The fully integrated system makes a request for additional **inventor** and takes care of ...allows its customers to search and browse its extensive catalog of images, purchase and license the images **online** and download the finished product.

PhotoDisc's successes confound several elements of conventional wisdom: first, that outsourcing...

...infrastructure was outsourced and collocated. It has since bucked the trend in order to control quality and **connectivity**, and brought the entire site in-house into its data center with its own servers. Two separate DS-3 circuits **connect** PhotoDisc to the Internet, one to an international vendor and one to a local ISP. To provide...

...monolithic site, it decided to diversify. "We are hardware and software agnostics," says Wayne D.S. Wong, **online** systems director at PhotoDisc. "We have established expertise in different camps and deploy based on NT or..."

...The architecture of our site is strong enough to support any business model."

Cynthia Pearce, PhotoDisc's **online** design director, says, "It's a myth to assume that you build it once and you're..."

...create opportunities for middlemen where none existed before. MischiefNewMedia, for example, has taken the elusive concept of **online** community and turned it into hard cash. It has created several sites, like Music News Wire, which...

...great content. It draws customers to its site, and once they select a CD, customers are then **linked** to a CD club's site for purchase and



fulfillment. MischiefNewMedia collects a royalty for its efforts. Jason Hirshorn, president of MischiefNewMedia, says, "I'm in the content business. If I can **attract** people and make them want to sign on and check out what's new with the music...want it to be. You need to develop awareness in other divisions in how they can support **online** initiatives."

Perhaps more than any other site, an e-commerce Web site will magnify the successes as...

...and interfaces with accounting and merchant banks-while recognizing customer expectations for optimizing workflow, order fulfillment and **online** customer service. n

Brian Walsh is the founder of bwalsh.com, Portland, Ore., a networking and communications...

...Although companies have a PBX, LAN, file server and fax machine, and probably some type of Internet **connection**, few have an EDI solution in place.

Before you know where you're going, you need to...

...others' experiences.

www.foodservice.com The FoodService Purchasing Cooperative went from zero to more than 300 partners **online** with EDI within three years. When FoodService first decided to use EDI it selected AT&T as...

...com Jonathan Handler, contract manager for Blue Cross Blue Shield of Illinois, notes, "We've had dedicated **links** between individual member plans and hospitals in their service area for decades. We have a network of...

...IP network but has maintained its hub-and-spoke configuration. It has transformed itself into the extranet **linking** health-care partners.

This extranet is the basis for BlueWeb, the BlueCross Web sites. One of the...commerce sites represents a significant opportunity to move up the value chain. Rich Bader, president of EasyStreet **Online** Services, observes: "Those ISPs not aggressive about e-commerce today will look back in two years and..."

...COMPANY NAMES (DIALOG GENERATED): Bonneville Power Administration ; Buying Organization ; Computer Marketing Group ; Corporate Procurement Group ; CyberGuard Corp ; Eastern Utilities Associates ; EasyStreet **Online** Services ; EDI ; FoodService ; GEIS ; Hamilton Hallmark Technologies ; Industrial Marketing Group ; Intranet Solutions ; IBM Corp ; ISP ; Long John...

10/5,K/8 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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00541935 CMP ACCESSION NUMBER: CRN19931220S0281  
**ADD IT TO MARKETING, DISTRIBUTION, FULFILLMENT MIX - How to use electronic software distribution**  
COMPUTER RESELLER NEWS, 1993, n 558, 113  
PUBLICATION DATE: 931220  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: SPECIAL REPORT- SPA EXTRACTS  
WORD COUNT: 9066  
TEXT:

EDITOR'S NOTE: This extract is taken from the panel on "Electronic Software Distribution" at the Software Publishers Association's 9th Annual Conference, last October, in Chicago. Moderating the panel is Scott Schnell, general manager of Software Dispatch, Apple Computer Inc., Cupertino, Calif. Speakers are Elliot Levine, cofounder and managing partner, Channel Resources Inc., Seattle, and general partner of MSI Inc., Seattle; Kathy Howell, IBM Corp. director of worldwide software manufacturing, Boulder, Colo.; and Deborah Triant, vice president of marketing, Adobe Systems Inc., Mountain View, Calif.

... products was one of the most powerful ways that we have run across to actually get customers **interested** in buying your product. When you think about the kind of advertising that is taking place today...

...a real benefit up-front because one of the biggest problems that we hear about from software **developers** is that there is such a barrage of new product introductions and there are so many products...how much sell-through will occur through electronic vehicle. Customers, however, like the ability to buy and **receive** product immediately for two reasons. And this is why I think it's applicable across-the-board...it's been in the past. And that's because you can do things electronically like hypertext **link** into documentation and so on that you've never been able to do with standard manual documentation...

...Because the ease with which the customer can take ownership will affect sell-through as opposed to **interest** . . . . So we'd like to devote the rest of our panel today to talking about some of what I tried to do was take some data points I thought would be **interesting** and perhaps thought-provoking in terms of what some of the tactical issues are we need to...

...Depot. These are stores that sell a wide variety of categories, not just computer products. What is **interesting** is that the mass market appears to have a larger market share than the superstores. What you...

...a time controlling that software on the desktop. It's getting to be easier, particularly for a **manufacturer** who can provide a desktop solution with a CD-ROM installed.

As our market worldwide expands and...

...to be installed on some of those systems, it is going to address specific markets.

What's **interesting** is! the full-line discount stores, the catalog showrooms and the department stores are really only selling...software, whereas yesterday they were not even close to selling software. And it's not only the **manufacturers**, it's all the large **manufacturers**. Resellers are now having a gateway in controlling that pipeline. And I can tell that all of these companies are working feverishly towards EDI hookup, which is! **linking** them to corporate America. And that's their other Trojan horse getting in there. So I think...So, from your perspective, that's essentially an incredible 100 percent reliability on that.

But the more **interesting** thing is, we have it created and indeed it's very reliable and it's low cost...

...if indeed you stack multiple trays, and not only is it products but the marketing materials, the **online** or electronic publications, maybe you want instant tips for programmers, the presentation that you just did at ...

...of things.

One last thing, keep remembering that there is hard copy here. Everything is electronic or **online**, so you're going to need to search things. Maybe you might need a search engine on...

...you need a control system because, after all, what you're putting on the CD is your **intellectual property**, your assets, and so it has to be protected, such as the usage of it is by...when they call, you know who did it, you know who bought your product. What's particularly **interesting** to many clients at this point is that if someone wants an upgrade, you've got the...

...a base license. Sometimes that's been a little confusing in the past.

Another point on the **registration** card-I hear data that maybe you only get 3 to 5 percent of the **registration** cards returned. Yesterday on the panel they said maybe it's 30 percent. But it's pretty...

...up-selling.

The last thing is documentation. Clearly everyone is going to want to put their documentation **online**. It's a natural. It fits-you can put together the whole package. Most of the publishers already have **online** electronic information, so if you don't, you need to think about that. Further, you need to think about if you need a reader on your CD, if there is a lot of **online** information, you want to have search capabilities and the like.

Now, between us, I suspect that in...free or if you want to put a fee on it, but you can clearly reduce the **inventory** that you have on hard copy, and, further, you can take that thought to sort of a...

...play with the product and see if you like it or not, so you need that electronic **online** documentation; it's really not an option. But beyond that, even if for some reason you're...

...new; we've been playing around with forms of electronic documentation, masquerading under the guise of an **online** help system, and typically those things have been tested only. I don't know what your experience has been. Every time I try to use an **online** help system it's been useless to me because what I've gotten is a little blurb...useful than their paper equivalent. I'm sure you've all seen what you do with hypertext **links**, experience them yourselves. Search and retrieval is an obvious benefit to get you right to the subject matter of **interest**. And also active indices where you have nested indices that expand and contract, you get more and more detail and then you click on the subject of **interest** and you go right to it.

I want to add one point that people usually don't...

...when they think about smart documents or interactive documents. You want these kinds of things, the hypertext **links** and the active indices, the bookmark, not just to be things that the vendor preinstalls in the...

...same way that I use bookmarks or turn pages or I highlight with pens the things of **interest** to me, I'd like to be able to do the electronic equivalent of that, so that...

...section that is of most importance to me. Or, for that matter, set up my own hypertext **link**. Eventually, I'd like to be able to scroll my annotations on the documentation, my own personal...

...being, people often will want to go and forth between a hard copy of the documentation and **online** version, and to the extent that there is consistency there so they can get visual recognition of...

...paper equivalents. But the examples I gave- which are the things that are here and now, hypertext **links** and indices and search and retrieval-are really only scratching the surface.

I think that ...animated sequences of how to do something.

I think we're also going to have things like **online** exercises so that if I'm trying to learn how to use a particular feature, there can...

10/5,K/9 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
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00545144

**Database Alert**

**The Monthly Database Product Update**

MULTIMEDIA MONITOR

July 1, 1997 VOL: 15 ISSUE: 7 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 3600

RECORD TYPE: FULLTEXT

AMERICAN CHEMICAL SOCIETY, 1155 16th St., N.W., Washington, DC 20036,  
(202) 872-4600, has announced availability of Journal of the American  
Chemical Society, the Society's flagship research

COMPANY NAME(S): Access Company ; Advertiser & Agency Red Books ; Albuquerque Journal ; Albuquerque Newspapers ; Albuquerque Tribune ; American News ; American Society ; Anesthesia & Analgesia ; Asia Intelligence Wire ; Asia Network Publication Co Ltd ; Asia Pulse Pte ; Asia Times ; Australian Associated Press Company ; Australian Stock Exchange ; AAP Centre ; AAP Information Services Pty Ltd ; ACS Committee for Professional Training ; AMERICAN CHEMICAL SOCIETY ; Bangkok Post ; Bernama National News Agency ; Biochemical Journal **Online** ; Business & Industry ; BARRA ; BELSI Information Agency ; Calgary Herald ; Chamber World Network ; Chicago Law School ; Commercial & Association Register ; Commission of the European Communities ; Computing Commerce Network ; Conference Board ; Critical Care Medicine ; Daily News ; Data Analysis Group ; Department of Agriculture ; Department of Energy ; Derwent Inc ; Deutscher Fachverlag GmbH ; Diabetes Care ; Disclosure Inc ; DATA DOWNLINK CORPORATION ; El Camino Real ; Federal Aviation Administration ; Financial Post ; Financial Times Information ; Fleet Street ; Frost & Sullivan ; Fund Watch **Online** ; FDC Reports Inc ; Government Technologies ; H W Wilson Co ; High Tech Investors ; Includes The New York Times ; Independent Newspapers Ltd ; Indepth Data ; Indiana Journal ; Indiana University School of Law ; Industry ; Information Services ; Information Sources Inc ; Infoscavenger Communications Inc ; IPO Data Systems ; Jakarta Post ; Jane 's Information Group ; Journal ; Jupiter Communications ; Kent Information Services Inc ; Knight Ridder Information Inc ; Knowledge Express Data Systems ; KreditFakta AB ; KreditFakta Company ; Lafferty Publications Ltd ; Law & Economics ; Leadership Directories Inc ; LBKN Antara ; LLC ; LRP Publications ; Managed Care ; Matthew Bender & Co ; McGraw Hill Inc ; Mealey Publications Inc ; Media General Financial Services ; Mergerstat ; Microsoft Exchange ; Mirror Group Newspapers Ltd ; Moscow News ; MEDICAL LIBRARY ASSOCIATION ; National Register Publishing ; New Generation Research ; New York Times On Line Services ; New Zealand Newspapers ; Newsbytes News Network Carriage ; Nihon Keizai Shimbun Inc ; North Water ; NATIONAL INFORMATION CENTER FOR EDUCATIONAL MEDIA ; NICEM ; Office of the Chief Counsel ; **Online** & Site License Services ; OVID TECHNOLOGIES INC ; Pediatrics & Adolescent Medicine ; Phillips Business Information Inc ; Pierian Press Inc ; Post Tribune ; Press Trust of India Ltd ; Province ; PJB Publications Ltd ; PMS Publications Ltd ; PORTLAND PRESS LTD ; Region ; Responsive Database Services Inc ; Reuters Information Services Inc ; Reuters Ltd ; Rockefeller Center ; Securities & Exchange Commission ; South China Morning Post ; Star Times ; Sun News ; Swedish Commercial & Association Register ; Swedish Patent & **Registration** Office ; SEIBT Standard Parts ; STN INTERNATIONAL ; Technology Development ; Institute of Paper Science and Technology ; Time Life Building ; Time Inc ; Toronto Star ; Transfer Report ; Transnational Law Associates ; Two Ten Communications Communications ; INVESTEXT GROUP ; NEW YORK TIMES ; THOMSON FINANCIAL SERVICES INC ; U S Department of Defense ; Ukrainian Companies ; United Kindom ; University of Chicago Law School ; University Technologies ; Veronis Suhler & Associates ; Vickers Stock Research ; Vietnam News Agency ; Washington Post ; Wing On Center ; Xinhua News Agency ; Yonhap News Agency ; ZDNet University

TEXT:

... **interest** to tourists, including shopping, restaurant, and theatre...  
**online** courses; and access to 125 techno-professional forums. Also Fund Watch **Online** by Money Magazine, provided by Time Inc., Time-Life...

...databases licensed from 17 leading content providers, with **links** from  
...Patent & **Registration** Office and all nonlimited companies registered  
...Advertiser & Agency Red Books: Advertisers, produced by **Online** & Site  
...

...business profiles and corporate **linkage** for over 29,000 top U.S. and  
...Advertiser & Agency Red Books: Agencies, also produced by **Online** &  
...

...Contains business profiles, corporate **linkage** and account information

toxicity, clinical studies, **manufacturer** and references. Main record...

...than 300 congresses and symposia annually, and **manufacturers** Home, Internet Business Report, **Online** Marketplace and WebTrack, all now available. General- **interest** business publication provides feature...and industrial education from over 23,000 **producers** and distributors...and negotiating partnerships, and protecting **intellectual property** ... **Online** on World Wide Web (<http://bj.portlandpress.co>. ...to print version **receive** access to entire **online** version...with **links** to document. Available one hour after release by court...bibliographic data and detailed summary of **invention** are provided from...

...summarizes uses and advantages of **invention** ; and drawing from original ...

...document (selected to best illustrate **invention** ) is provided...

...COMPANY NAME(S): Ltd ; ACS Committee for Professional Training ; AMERICAN CHEMICAL SOCIETY ; Bangkok Post ; Bernama National News Agency ; Biochemical Journal **Online** ; Business & Industry ; BARRA ; BELSI Information Agency ; Calgary Herald ; Chamber World Network ; Chicago Law School ; Commercial & Association Register...

...El Camino Real ; Federal Aviation Administration ; Financial Post ; Financial Times Information ; Fleet Street ; Frost & Sullivan ; Fund Watch **Online** ; FDC Reports Inc ; Government Technologies ; H W Wilson Co ; High Tech Investors ; Includes The New York Times...

...Keizai Shimbun Inc ; North Water ; NATIONAL INFORMATION CENTER FOR EDUCATIONAL MEDIA ; NICEM ; Office of the Chief Counsel ; **Online** & Site License Services ; OVID TECHNOLOGIES INC ; Pediatrics & Adolescent Medicine ; Phillips Business Information Inc ; Pierian Press Inc ; Post...

...Securities & Exchange Commission ; South China Morning Post ; Star Times ; Sun News ; Swedish Commercial & Association Register ; Swedish Patent & **Registration** Office ; SEIBT Standard Parts ; STN INTERNATIONAL ; Technology Development ; Institute of Paper Science and Technology ; Time Life Building...

10/5,K/10 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05249912 SUPPLIER NUMBER: 21222062 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Electronic commerce: a market opportunity for support equipment and services. (Industry Corner) (Column)**

Gross, Andrew C.; Hester, Edward D.  
Business Economics, v33, n4, p56(6)  
Oct, 1998

DOCUMENT TYPE: Column ISSN: 0007-666X LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3487 LINE COUNT: 00301

ABSTRACT: The market for electronic commerce support equipment and services is estimated to grow from \$2.5 billion in 1989 to \$7.5 billion in 2000, which is equivalent to a growth rate of 10.5% annually. The sales of equipment will account for 33%, while the sales of software and services will account for the remaining 67% of the total. The financial institutions and retail businesses will be the dominant end-use sectors, accounting for 80% of the total sales.

SPECIAL FEATURES: illustration; table

DESCRIPTORS: Electronic commerce--Equipment and supplies; Financial services industry--Automation; Retail industry--Automation

PRODUCT/INDUSTRY NAMES: 6000000 (Financial Services); 5200000 (Retail Trade)

... of the Internet include the ARPAnet of the 1960s and the NSFnet of the 1980s. These electronic **linkages**, for the military and later on for research agencies and universities, constituted semipublic, restricted networks. The situation...

...are by no means declining.

Subsequent developments during the 1970s and 1980s involved electronic data interchange (EDI), **online** credit authorization, direct-debit purchasing, automated clearing and fund transfer schemes. Associated goods and services facilitating such...

...adjustments of all kinds; it can be used for notifying partners about price changes, promotion campaigns, and **inventory**.

While EDI seems simple in concept, it is complex and costly to put in full operation. In...

...when a large firm, such as Ford or General Motors, deals with dozens of major suppliers. Another **attractive** application for EDI is when collaboration occurs between a large **manufacturer**, such as Procter & Gamble, and a large retailer, such as Wal-Mart. In this case, Wal-Mart...

...ship to what warehouses, all in a "just-in-time" mode. Both parties benefit in terms of **inventory** levels, material management, logistics efficiency, and customer satisfaction.

According to both the Gardener Group and Forrester Research...

...which is Internet/Web based, encourages formation of new relationships, recruiting customers nearby and around the globe. **Admittedly**, transaction volume will be more moderate, shipments more irregular. Yet vendors can respond instantly to buyers' inquiries...

...transactions on the order of 10 to 1. For the former, so-called marketplaces, industry communities and **online** auction galleries have sprung up. Not every grouping is a success. One umbrella site for many industries...

...managers are comfortable with virtual shopping, electronic payments, and dealing with Internet service providers. In addition to **manufacturers**, many service firms (utilities, transport, distributors) are adopting on line EC.

About half of U. S. households now own a personal computer, but only 10 to 15 percent of these are **connected** to the Internet/Web. Consumers have not reacted well to the idea of digital cash. They have...

...stymied by the fact that only about 10 percent of the sites offered the chance for an **online** transaction. In mid-1997, about 95 percent of U.S. consumers said they would ...buy their tickets on line (The Wall Street Journal, July 20, 1998, p. 1). Amazon, the big **online** bookseller, highly valued by the stock market, is still recording losses.

#### THE ENVIRONMENT OF EC

Economic

Economic...

...But here too, early adopters play a key role; as they are imitated, "social contagion" or cultural **acceptance** takes place; others "buy in," and a majority is eventually formed.

Political-Legal

Electronic commerce, much like...

...Europe at web sites originating in the United States. Still, many issues are debated and remain unresolved: **intellectual property**, trademarks, copyright, privacy, censorship, payment schemes, and, above all, security. In late 1996, Visa and MasterCard agreed...

...yet secure standard for so-called "smart cards." Others are also at work

on different versions of **registration** , authorization, verification, etc., and governments are likely to allow or even encourage harmonization. Possibly the most complex...is foreseen for multifunction transaction terminals, continuing the torrid pace set earlier. These are PUS devices that **accept** multiple forms of payment, i.e., both debit and credit cards, and/or perform multiple banking and...

...due to their use of EDI and Internet/Web-based EC in the 1990s. This category includes **manufacturers** , the service sector (utilities, transport, health care) and government units.

Within the financial sector, commercial banks dominate...

...dozens of foreign companies are involved in supplying EC-related products and services. (This is exclusive of **manufacturers** of general purpose, standardized computer hardware platforms used for EDI and Internet-based EC.) Many observers predict...York: McGraw-Hill, 1998.

Articles

See such journals as: Communications of the ACM, Computerworld, Datamation, Infoworld, Infoworld, **Online** Review, PC week, Wired, etc.

Monographs

See publications from Creative Strategies, Dataquest, Forrester Research, The Freedonia Group...

10/5,K/11 (Item 2 from file: 47)  
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05093754 SUPPLIER NUMBER: 20334103 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Wins and losses: the latest developments in online competitor research.**

Kassler, Helene

Searcher, v6, n2, p38(6)

Feb, 1998

ISSN: 1070-4795

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3904

LINE COUNT: 00330

SPECIAL FEATURES: other; illustration

DESCRIPTORS: **Online** searching--Management

PRODUCT/INDUSTRY NAMES: 4811525 (Online Search Services & Directories)

SIC CODES: 4822 Telegraph & other communications

FILE SEGMENT: TI File 148

**Wins and losses: the latest developments in online competitor research.**

TEXT:

...Shakespearean tragedy? A Wagnerian opera? No, just 1997 and another year of tsunami-scale changes in the **online** world with impacts touching many areas of competitor intelligence (CI) research.

Last year's changes clearly spotlight a transformation in the **online** industry. I -- and everyone else -- have seen the future and it is the Internet. At Fuld & Co...

...site has vanished, or even -- heaven forbid -- now costs real money!

Fresh New Faces

In the commercial **online** world, innovations offering the greatest value to CI researchers have arisen from creative new systems or upgraded ...

...to an article in the Publications Library for which Dow Jones does charge extra. If a reporter **links** to an outside Web site, the WSJ Interactive Edition will put the URL in parentheses in the...

...when available, IAC includes hyperlinks to corporate Web sites in the Company Intelligence Database (currently 9,000 **links** ). The company plans to include corporate hyperlinks in the remaining databases in 1998. By harnessing the Internet's innate hyperlink function, InSite Pro makes intelligent **connections** , conveniently extracting and offering many of the

resources we, as CI experts, would pursue in additional new...

...<http://www.mnis.net>) is another new entrant with a flat-fee, Internet-based service called DR- **Link** . The service offers several useful features, particularly its natural language search capabilities and assistance in focusing a...

...new Internet faces mentioned above, in this case, a company with a novel idea for a commercial **online** service -- a highly accurate yet simple search engine offering inexpensive full-text articles from more than 400...

...well as professional researchers), Northern Light's pricing structure charges per article, with no sign-up or **online** searching fees. Northern Light also offers features that ease the CI research process. Search results, automatically ranked...business-related sites and services on a single page. Aimed at "busy executives," CEO Express not only **links** to the more obvious news, government, and business sites, but also **connects** to overlooked sites such as Chambers of Commerce, the Internet Bankruptcy Library, and software download sites.

Last year, the **online** industry news story with the greatest coverage was clearly M.A.I.D. PLC's purchase of...

...others) has proven to be a great help, allowing index searching for company names in files whose **producers** did not see fit to include this basic descriptor field. Dialog-generated company names have now gone...  
...name and ticker symbol access across the whole range of news sources, regardless of whether the database **producers** provide their own company name descriptors.

In a "marriage of convenience," Dow Jones, the Financial Times, and ...

...inadequacy last year (<http://www.internet.org>). Several new favorites include NetPartners Company Locator, which uses Internic **registration** information, thus offering the most extensive database (<http://www.netpart.com/resource/search.html>). Several other sites focus on larger, predominantly public companies: Hoover's (<http://www.hoovers.com>); CompanyLink ([http://www.company\\_link.com](http://www.company_link.com)); Companies **Online** (<http://www.companiesonline.com>); and the multi-function, ubiquitous Yahoo! (<http://www.yahoo.com/Business/Companies>).

Drilling...

...companies. Revealing stories on company activities as major as reorganizations or as minor as OSHA inspections will **receive** more coverage in the local press than elsewhere. Dow Jones continues to be the leader in this...

...will pick up local press formerly offered by DataTimes.

LEXIS-NEXIS, the pioneer of full-text news **online** , added Bloomberg News in 1997 with corporate news coverage from around the world, along with extensive reporting...

...about a pilot energy project in several small New Hampshire towns. Precious little appeared on the conventional **online** services; even Dow Jones at that time had few ...that you still never know if you'll retrieve a full-text article or an outdated dead **link** to a non-archived article.

If your situation requires that you know full-text costs beforehand, you...

...with a subscription to BiblioData's resource-filled CyberSkeptic's Guide to Internet Research or Fulltext Sources **Online** , you also have access to BiblioData's "Private Zone" (<http://www.bibliodata.com/private.html>), a password...

...program. Patents point to new areas of R&D, to products slated for future commercialization, and to **inventors** /experts useful as contacts. Several Internet-based innovations now make patent information more accessible to a wider...



...which it derives its information, particularly ease-of-use and free full-patent images. The site directly **links** to Optipat, which sells full-text patents for as little as \$2.50 each.

MicroPatent and its...

...based e-mail alerting service based on patent applications filed with the European Patent Office (EPO), World **Intellectual Property** Organization (WIPO), and Japanese Patent Office (JPO). This service can offer a competitor intelligence advantage: U.S...specified companies submits a new SEC filing, though there may be a time delay. In contrast, EDGAR **Online** 's Watchlist (<http://www.edgar-online.com/>) service is a low-cost, real-time alerting service. As soon as the SEC filing is submitted, you **receive** an HTML-enabled alert in your mailbox. Click on the hyperlink and you go directly to the filing in question. It also features a new service called EDGAR **Online** People that allows customers to search SEC filings by an executive's name and thus uncover position...

...Intelligence Explosion

While numerous Internet services abound offering inexpensive alternatives to the "high-priced spreads" of commercial **online** services, the Internet does offer new and unique services. For example, job postings provide a wealth of clues to a company's current technology use, research **interests**, and future plans. Identify the persons and skills your competitors hire today and you will often uncover...

...that can also help the CI researcher. You can specify company name or type of job and **receive** an e-mail alert when that company posts a job.

For smaller companies, or those not yet...

...ceased operation in August 1997. Its remaining Web site now prompts former subscribers to a Web-based **online** service called BrainWave, offered by WinStar Telebase. This service features an interface that mimics NewsNet's old...

...loss for researchers in those industries.

And Now 1998...

As to the future for competitor intelligence and **online** resources? Remember that line from The Graduate: "Plastics"? Just do a global replace with the word "Internet..."

DESCRIPTORS: **Online** searching...

10/5,K/12 (Item 3 from file: 47)  
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05023162 SUPPLIER NUMBER: 19966713 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
'It was here a minute ago!': archiving on the Net.

Feldman, Susan E.

Searcher, v5, n9, p52(13)

Oct, 1997

ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 10156 LINE COUNT: 00813

ABSTRACT: The shifting nature of the Internet poses a challengee for professional searchers and librarians determined to preserve, store and save pieces of information for posterity. An Internet archive helps in the collection of resources that helps to determine what types of **online** information should be preserved. While librarians and archivists differ on the approach to use for preserving items, they all agree on the need for such an undertaking.

SPECIAL FEATURES: photograph; illustration

DESCRIPTORS: Internet--Management; Data base industry--Management;  
Archival resources--Usage

PRODUCT/INDUSTRY NAMES: 7372421 (DBMS)

...ABSTRACT: posterity. An Internet archive helps in the collection of resources that helps to determine what types of **online** information should be preserved. While librarians and archivists differ on the approach to use for preserving items...

... scholarly publishers-with products such as Elsevier Science Direct, library vendors such as OCLC with Electronic Collections **Online** , and libraries themselves such as the JSTOR consortium effort at the University of Michigan. In most cases...

...sites labeled "Software Archive" or "Math Archive" (<http://archives.math.utk.edu/archives.html>) concentrated on creating **links** to useful materials stored elsewhere. These meta-sites seem more concerned with facilitating access to materials than...

...intranets, or materials separated from the user and the Web crawler by some barrier such as a **registration** box, query screen, or other CGI script. Anything on the public Internet, though, is fair game, technically ...

...ago and/or bequeathed to a historical society and thus preserved for posterity in an archive. This **appeals** to the "preserve first and decide on value later" mentality.

Archivists and librarians differ in deciding what...FTP sites. Note, however, that the Internet Archive crawls only the "public Web." Anything hidden behind a **registration** box, a query box, or some other kinds of CGI scripts is probably not accessible. Nor does...

...Limits are placed voluntarily so that the crawler doesn't inundate large sites like Geocities or America **Online** with too many requests. Large compendia of valuable information which have low traffic volume are crawled in...

...of Alexa Internet, the commercial side of the Internet Archive, tells me that they do care about **intellectual property** issues. They will retroactively remove materials if requested by the originator.

The Internet Archive plans to offer...

...information, but does not offer it yet. However, Alexa Internet (<http://www.alexa.com>) already offers an **interesting** use: as a way to avoid frustrating dead ends from broken **links** . The Alexa software, designed to work with an Internet browser on a Windows machine, offers the option of having Alexa retrieve the original page every time you get a broken **link** "Error 404" message. Alexa also gives you information about the site, such as company name and location...

...far as I know, A Business Compass (ABC) is the only archiving organization to reach beyond the **registration** and query box barrier in order to gather high-quality materials from WWW databases. They regularly crawl 1,200 preselected sites which contain materials of specific **interest** to the business community. If an article is available in print, they do not add it...

...such as PCWeek.

While ABC stores copies of the text for searching purposes, at present they only **link** to the articles. ABC staff write an abstract for each article. Users can search the archive and get a list of titles and abstracts. Requests for the original article **link** to the originating site, after ABC checks that the version on the Web **matches** the one in their archive. If they find a discrepancy, they default to the newer version. Users...some 33,000 newsgroups and 8,000 listservs, as well as input to forums on CompuServe, America **Online** (AOL), Prodigy, and Microsoft Network (MSN). The system processes as many as 250,000 new messages a...

...has a monthly or annual account, with additional Web sites costing

\$5/\$4.50 each.

(In an **interesting** twist, eWorks not only talks about the weather in cyberspace, it does something about it. They offer...

...joint arrangement with the Delahaye Group an "image consultancy that specializes in the Internet.")

Sound like an **interesting** service? It is, but it also amounts to a unique archive of Net traffic, searchable retrospectively by special arrangement with eWorks.

#### 4. OCLC's Electronic Collections **Online** (ECO)

OCLC offers two alternatives for organizations that don't want to archive their own collections. First, OCLC maintains an archive of electronic text submitted by publisher for a collection of journals -- Electronic Journals **Online** (EJO), at present, some 500 titles. OCLC guarantees access in perpetuity to subscribers for the issues to which they have subscribed. This archive reflects print moving to **online**, however.

A second, new service will archive any special collection for an organization. They guarantee that they...

...will offer its major publications in both paper and electronic formats. Niche publications may migrate entirely to **online** -only.

As an example, the Association for Computing Machinery drafted one of the first policies of its kind for electronic **intellectual property** management and mapped out plans for an electronic publishing program as well. At present, their plans call...

...has made it easier to create an archive, as well as to search it. Early incarnations of **online** newspapers emphasized current news and prepared **online** -only articles as incentives to checking a site several times each day. Return two hours later to...

...the paper and even dates move.

In recent months, others have finally recognized the value of these **online** -only articles, such as those in The New York Times' Cybertimes. The Times tells us that it now adds Cybertimes articles to their own archive, as well as to the **online** file searchable on LEXIS-NEXIS. According to Steve Luciani, chief technology officer at The New York Times...

...the initial publication.

#### 6. Government Documents

Government documents have always constituted a peculiarly separate group of resources. **Online** delivery has not changed the situation. Those of us familiar with the depository library program have relied...

...It seems as though, for a time, we had forgotten the value of shared cataloging -- as if **online** resources were outside the pale." -- Erik Jul, OCLC

OCLC has taken a forward position among librarian services...

...integration of library services and Internet resources. They have the NetFirst database on their EPIC and FirstSearch **online** services with bibliographic citations, summary descriptions, subject headings, and locators for World Wide Web pages, **interest** groups, library catalogs, FTP sites, Internet services, gopher servers, and electronic journals and newsletters. OCLC also offers occasional URLs in FactSearch, a database of facts and statistics on topics of current **interest**, and Consumers Index, covering consumer and health-related topics. Recently, OCLC began to include URLs on some records in their WorldCat OCLC **Online** Union Catalog megabase.

Where did OCLC get the URLs for integration with MARC records in WorldCat? In...

...new media, if one added an additional field -- now known as the 856 field. The 856 field **links** the record to the **online** source.

Why bother with the complexities of MARC cataloging? Because these libraries intended to integrate electronic resources into an existing retrieval tool -- the **online** library catalog. New records needed to

become compatible with existing ones.

Catalogers had some trouble grappling with...to the work library Webmasters do all over the world. Each library Web page has selected and **linked** to what its content designer considers outstanding resources. Distributing this kind of shared "cataloging" could save others...  
...notice. In June 1996, on average, three percent of the URLs in the InterCat database had broken **links**. While several groups had addressed this problem, no one had implemented a solution, and URLs kept changing...

...PURL software. It represents an Internet address which should last, no matter what happens to the URL **linked** to it.

For instance, suppose I publish a Web page comparing all the search engines in the...

...a search engine index might be directed to the old, and now nonexistent, address. The dreaded broken **link**, or "Error 404" message! However, had I applied for and been assigned a PURL, the lost URL...

...PURL would remain the same and get mapped to my new URL. OCLC promises to correct PURL **links** and forward them to all the search engines of the world.

At present, OCLC creates a new...

...particularly addressing the questions of heterogeneity of materials, search engines, cross-collection searching, and vocabularies for access

- \* **Intellectual property** rights and economic models
- \* Archiving of digital materials

Current projects, as of May 1st, include:

- \* The Making...

...format or material that exists on the other side of some sort of barrier such as a **registration** form or query box. Web crawlers -- the programs that index the Internet -- can't penetrate beyond the...

...data behind the barrier -- like the "pass word please" or "enter search query" -- already lives in an **online**, machine-readable archive, like databases on Dialog ...be raw and massive and require a search request to turn the material into specific information of **interest** to users. For example, if a Netter wants to know where to get a pizza quick, Dun...

...never find it. Besides that, some data collections do not have complete archives. Instead, as the data **producer** collects more recent figures, the new figures may replace the old ones. For example, Dialog re-loads...

...that standard Web crawlers only index half. Certain locations, such as corporate or organizational intranets, won't **admit** Web crawlers; some run robot exclusion software, because of the **connecttime** they take up in indexing Web page contents.

Sites missed can carry extremely valuable data. For instance...

...and crawlers are again welcome.

In a disturbing trend, some of the most valuable Web sites that **admit** users freely have begun requiring users to register. Web sites do this to collect statistics on usage...

...have anything against cats!) or pictures of her vacation, get indexed for everyone.

Web Page Evaporation

Broken **links** are endemic to the Web. Here today and gone tomorrow. The average Web page is estimated to...

...days. Twenty-eight percent change every 10 days! News sites change every few hours. Similarly, while the **links** may work fine, the information may have changed. News Web sites may change their data hourly or...

...than with yesterday. Diane Hillmann of Cornell University worked with one government agency to help design its **online** information system. She rued the lack of an information, or "archiving mentality." The private

company hired to...

...to have a factory, to build Web pages, all you need is a computer and a Net **connection** . If the Net operated under sound archiving procedures, consumer confidence might be well placed, but it doesn't...

...keep emerging whenever someone does a search on that topic. Hence, the ubiquity of the famous broken **link** message, "Error 404." As mentioned above, Alexa, a new service based on the Internet Archive, hopes to...That won't work," I can hear the techie rebels saying, "Since we have no idea what **inventions** will appear in the next century, you're making an unreasonable expectation. To comply, we would have...

...media contain and how to read them.

The advent of new media -- hardware or software -- presents an **interesting** dilemma to the electronic archivist. On the one hand, we have agreed that preserving materials for future...

...navigate through large amounts of data, as well as extract information across documents.

How does improved access **connect** to archiving concerns? The more useful and used an archive, the more likely it will **receive** the support needed to be sustained and grow greater. The information professional's focus on access is...and incorporated into every HTML generating software, chances are that Web page authors would fill them out.

#### **Intellectual Property Rights**

**Linking** the contents of a Web page without copying the original is probably not a copyright violation, though...

...Those who have stored the materials may well counter-sue for storage fees. It could be very **interesting** .

Furthermore, some of the contents swept into storage from the Web or newsgroups or listservs could embarrass...

...of really searchable collections, with detailed guides to the contents of each box, perhaps even a searchable **online** catalog to facilitate access. The more resources spent on making a collection accessible, probably the less resources...so rapidly.

- \* Money for equipment, personnel, and storage on a continuing basis.

- \* Clout enough to negotiate blanket **intellectual property** agreements **acceptable** to all parties. A site-by-site negotiation would take too much time.

#### 2. Creating easy-to...

...they need to expand their coverage to include the wealth of materials hidden behind query boxes and **registration** requirements. A Business Compass is a good example of how to accomplish this.

Second, focus on the...

...materials.

OCLC, first with its InterCat experiment, and now with real integration of electronic materials into their **online** , publicly accessible catalog, has begun proving that integration of formats is possible and desirable using standard library...Genre is a more useful organizing principle than format.

7. Information seekers benefit from self-indexing resources, **producer** -generated access, and librarian-generated access.

8. Librarians will continue to use judgment in applying varying levels

...

...repository. But it can't get at half of the material on the Net now. Problems of **intellectual property** rights and funding are major stumbling blocks. If we all work together to establish an archive and...

04833456 SUPPLIER NUMBER: 19761239 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Vendors of integrated library systems for minicomputers and mainframes: an industry report, part 2. (part 1: Contec Data Systems, Data Research Associates, Endeavor Information Systems, EOS International, Fretwell Downing Informatics) (Company Profile)

Saffady, William

Library Technology Reports, v33, n3, p277(50)

May-June, 1997

DOCUMENT TYPE: Company Profile ISSN: 0024-2586 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 22345 LINE COUNT: 01943

ABSTRACT: Five vendors of integrated library systems are profiled. Each profile includes the company's history, a description of their products and an analysis of how they compare with their competitors.

COMPANY NAMES: Contec Data Systems--Products; Data Research Associates Inc.--Products; Endeavor Information Systems Inc.--Products; EOS International--Products; Fretwell Downing Informatics--Products  
DESCRIPTORS: Libraries--Automation; Network management systems--Analysis; Computer software industry--Products  
TICKER SYMBOLS: DRAI  
FILE SEGMENT: MI File 47

... holding company for the two divisions. To broaden its product line, Contec Data Systems acquired a majority **interest** in ITC Information Technology Consultants, a Singapore-based **developer** of document management software.

This report emphasizes Contec's C2 System, a minicomputer-class client/server product...

...standalone system or as a traditional multi-user terminal-to-host computer system. It can also be **linked** to a library's existing integrated system, allowing that system to be used for specific operations -- such as circulation control or acquisitions -- while using the C2 System for **online** catalog access or other applications. The C2 System's application programming interface specifications are available to system integrators, software **developers**, and others.

The C2 System was designed to be hardware independent, highly portable, readily scalable, and suitable...

...barcode readers, printers, and other peripheral devices.

#### SYSTEM DESCRIPTION

The C2 System includes application modules for cataloging, **online** public catalog access, circulation control, acquisitions, and serials control. All application components are fully integrated; one data...

...to bibliographic records. Analytical cataloging is permitted. Machine-readable bibliographic records can also be imported or transferred **online** from external sources, including national libraries, bibliographic utilities, and CD-ROM cataloging support products. The C2 System can **connect** to OCLC, RLIN, and WLN, as well as the Australian Bibliographic Network (ABN), New Zealand Bibliographic Network...

...terms, as well as preferred, non-preferred, earlier, and later headings. Authority control is fully integrated with **online** catalog access. Cross-references are displayed during OPAC searches.

The C2 OPAC module provides three levels of...to a library's catalog.

A second-level retrieval mode lets OPAC users specify a field for **matching** of search terms. Relevance ranking is provided for retrieved records. The C2 System's expert retrieval mode...

...retrieved records. They can also send messages, suggestions, or comments to library staff. To give OPAC searchers **online** access to information about library or community events, the C2 System supports the MARC format for community...

...computer-processible sources. Default field values and prompts can be defined. If desired, borrower records can be **linked** to image files that contain borrower photographs.

Circulation procedures are straightforward and resemble their counterparts in other...

...item's due date. Optional circulation capabilities include self-charging terminals, offline terminals for remote locations, shelf **inventorying**, and a voice-response component for telephone renewals.

The C2 acquisitions module supports many types of procurement...

...foreign orders. The system maintains a history of changes in conversion rates.

Order records can be retrieved **online** and the status of specific orders easily determined. Standard reports list orders **received** as well as outstanding orders. Automatic claiming procedures minimize operator interventions. The acquisitions module maintains an **online** vendor file. Vendor records can identify subject specializations or distinctive capabilities. Vendors can be ranked by past...

...replacement of missing issues. Routing lists can be defined for specific serial titles. Alternatively, contents pages for **received** issues can be digitized and the resulting images **linked** to bibliographic records.

The various application modules supported by the C2 System generate predefined reports which can...

...document images, full-text documents, digitized photographs, audio recordings, and still or moving video images can be **linked** to bibliographic records. Contec's C3 Electronic Course Reserves System is a ...materials -- are converted to computer -- processible form, typically by scanning them. The resulting digitized images are then **linked** to data base records for the scanned items. A student searches the data base by course name, instructor, or bibliographic identifiers; examines a list of readings on reserve; and retrieves the **linked** page-images for display or printing, which may be done by a desktop device or network print...

...of copyright materials, and calculates fees owed to the copyright holder. Contec reportedly intends to integrate these **intellectual property** management capabilities into its C2 System.

Like its C2 counterpart, the C3 System operates on a Windows...

...C3 System has broader applicability than its name suggests; in addition to course readings, it can provide **online** access to documents from a library's special collections, such as rare books, manuscripts, and local history...

...System's Windows NT implementation can operate on powerful servers with excellent price/performance characteristics. It should **appeal** to libraries that want to replace integrated systems that run on a VAX or other proprietary computer...

...over popular but aging Unix processors.

The C2 System supports the customary group of application modules: cataloging, **online** catalog access, circulation control, acquisitions, and serials control. The cataloging module incorporates thesaurus-like authority control as...

...retrieval capabilities, which include soundex searching, automatic retrieval of variant spellings, Boolean operations, relevance ranking, and multimedia **linkages**. Different search levels are suited to the varied skills of OPAC users. The C2 System's circulation...

...a related Contec product, the C3 Electronic Course Reserves System, goes beyond conventional reserve room components by **linking** document images to bibliographic records for course readings. It also incorporates provisions for usage tracking and copyright...

...Systems and the C2 Systems have limited visibility elsewhere. In the United States, client/server technology is **attracting** considerable library attention. Contec Data Systems addresses the **interests** and requirements of libraries that are seeking leading-edge technology, but it faces significant competition from other...

...and implemented a fully integrated library automation system for the Cleveland Public Library. The system which supported cataloging, **online** catalog access, circulation control, acquisitions, and serials management--was subsequently offered to other libraries as A Total known as the DRA Classic system.

In 1993, DRA purchased INLEX Incorporated, a **developer** of integrated systems principally for medium-size libraries, and Praxa Limited, an Australian **developer** of the Starlite Library Management System. INLEX is discussed by Alley (1987). In 1994, DRA acquired the...

...of a single library or group of libraries. The partitions, which are maintained as separate data files **linked** to a single set of bibliographic records, can be searched individually or simultaneously. They can be implemented...

...original cataloging records. DRA Classic and Multilis can import bibliographic and authority records in any of the **acceptable** MARC formats via magnetic tapes obtained from national libraries, bibliographic utilities, retrospective conversion companies, or other DRA installations. Bibliographic records can also be transferred from CD-ROM cataloging support products. DRA Classic provides **online** interfaces for direct transfer of records from several sources, including OCLC, RLIN, WLN, Utlas, and BiblioFile. MultiLIS...

...OCLC and Utlas. As an option, DRA's Open DRANET service operates as a bibliographic utility, providing **online** access to the LC MARC data base and LC authority records, as well as cataloging data bases...

...authority-controlled fields are automatically validated against authorized forms. Marc-format authority records can be loaded by **online** transfer or magnetic tape from various sources. The MultiLIS system can accommodate subject authority headings for terms...rejected forms of authority records, any of which can be utilized by a participating library as its **accepted** form. An authority file is displayable as an **online** thesaurus that includes related terms, broader terms, narrower terms, and scope notes for individual entries. Global editing...

...desired. If desired, local subject headings or other information can be exempted from authority control. The service **matches** a library's records against several authority files, including the Library of Congress authority data base and...

...interfaces, including a command-driven mode that supports the NISO Z39.58 standard "Common Command Language for **Online** Interactive Information Retrieval." The conventional DRA Classic command mode, which is widely installed at customer sites, employs...

...Like other vendors, DRA has expanded its offerings to include several client/server products designed specifically for **online** catalog access and other data base searching. DRA was one of the first library automation vendors to...

...a Windows-like interface with pull-down menus.

DRA Kids provides a graphical user interface to DRA **online** catalogs and Z39.50-compliant data bases. As described by Matthews (1996a), it provides alphabetical icons that...

...the library. A map indicates the library location of retrieved items.

DRA Web provides access to DRA **online** catalogs and Z39.50-compatible data bases by microcomputers equipped with popular Web browsers, such as Netscape...of formats. Borrower records can be key-entered or imported from machine-readable sources, such as student



**registration** files in academic and school libraries. Telephone notices and renewals have been available since the early 1990s...

...library materials by borrowers from other libraries. Brief records can be entered to facilitate tracking of items **received** by interlibrary loan. As a unique feature, Multilis includes a book exchange capability that was specifically developed...

...appropriate interval for returning the same books to a given library, and ensures that each library will **receive** recent publications and additional books in conformity with its objectives. The book exchange module also enables regional...

...serials module is designed to manage magazines, journals, newspapers, monographic series, and other library materials that are **received** on a continuous basis. It supports ordering of serials, check-in of **received** issues, claiming of missing or overdue issues, and cancellation of orders. DRA EDI, an add-on module...

...DRA EDI module. The microcomputer uses the Internet to transmit the information to designated vendors.

DRANET, an **online** information service that is accessible from DRA workstations or other terminals, was introduced in the early 1980s as a cataloging resource for DRA installations. As noted above, it provides **online** access to the LC MARC data base and LC authority records. It was repackaged in 1992 as...

...available to libraries that do not utilize DRA as their local automation vendor. Open DRANET also provides **online** access to bibliographic and full-text data bases from such information publishers as Cambridge Scientific Abstracts, Information...

...system that conforms to the NISO Z39.50 standard. DRA offers a journal citation module that will **link** a library's serials holdings to citations in the data bases offered on Open DRANET. Open DRANET...

...DRA customers are Starlite installations in Australia and Indonesia. As noted above, DRA acquired Praxa Limited, the **developer** of the Starlite system, in 1993.

U.S. libraries account for approximately 60 percent of DRA's...18 percent of MultiLIS installations are in France, where the system's French-language interface has obvious **appeal**. MultiLIS Europe S.A., a wholly owned subsidiary of Data Research Associates, is located in France. The...

...The application modules supported by DRA's three product lines, as described above, are intelligently conceived and **attractively** implemented. Their extensive repertoire of useful features reflects their long development histories, as well as the company...is an authorized Digital reseller for hardware and systems software. Its ability to deliver complete turnkey solutions **appeals** strongly to public libraries that do not own appropriate computer hardware and often lack the technical expertise...

...and peripheral devices directly from Digital Equipment or other sources at educational discounts. Such institutions are principally **interested** in software purchases rather than implementations.

As described above, DRA has a large, impressive customer list. DRA...

...DRA has few installations in corporate and government libraries.

DRA has enjoyed two decades of strong market **acceptance** and revenue growth. Its large installed base generates substantial service revenues, and it has been involved in...

...recently selected as the integrated system vendor for Singapore's LibServ project, for example. To continue to **attract** new customers, however, a vendor must offer products that libraries want to buy. DRA's

current product...

...development tools and programming concepts. It will reportedly incorporate the latest computing technology and offer some very **attractive** features, including distributed processing for networked computer implementations, convenient scalability and upgradability, fault tolerance, Unicode compatibility for...

...systems. With its strong connotation of technological obsolescence, that characterization may be a poor marketing tool for **attracting** new customers.

#### ENDEAVOR INFORMATION SYSTEMS

2200 E. Devon Avenue, Suite 382 Des Plaines, IL 60018 ...SYSTEM

#### DESCRIPTION

Voyager is a fully integrated library system with application modules for cataloging and authority control, **online** public catalog access, circulation control, acquisitions, and serials control.

Voyager supports MARC formats for bibliographic, authority, and holdings information. Libraries can use an **online** tag table to define local fields. The tag table supports 006 fields for integration of multiple formats...

...records in the USMARC format from various sources, including batch loading from magnetic tapes as well as **online** transfer from bibliographic utilities and CD-ROM information products. Voyager's graphical user interface relies on windows...documents, Web pages, digitized audio recordings, or full-motion video segments. The 856 MARC tag provides a **link** between such multimedia information and bibliographic records. In OPAC displays, a special tab or highlighted field indicates a record with a multimedia **link**. The operator can request a displayed list of **linked** resources. When an item is selected from the list, Voyager automatically launches the relevant application to display the information. If the **linked** resource is a web page, for example, Voyager launches a library-specified Web browser and accesses the...

...As noted above, a Voyager implementation can provide access to other library catalogs, data bases offered by **online** information services, CD-ROM information products, Web sites, or other remote data sources. When the appropriate icon is selected, a list of available sources is displayed for operator selection. A **connection** is established without operator intervention. Endeavor provides Z39.50-compatibility at the client and server levels. If...

...use the Voyager interface. If the remote data source is not Z39.50-compliant, Voyager establishes a **connection** through a telnet, TN3270, or Web session. The searcher follows retrieval procedures associated with the remote data source.

The Voyager circulation control module is fully integrated with other system components. It supports borrower **registration**, check-out, check-in, holds, renewals, recalls, fines accounting, and related recordkeeping activities. The graphical user interface...

...Voyager circulation control module includes reserve room capabilities. Libraries can create and modify reserve lists that are **linked** to specific courses and instructors. Lists can be saved for future use. Items on reserve are indexed...

...desired reserve lists by course name or instructor from pull-down menus.

The Voyager acquisitions module supports **online** ordering, claiming, receiving, invoicing, tracking, claiming, fund accounting, and recordkeeping tasks associated with the procurement ...and selection. Acquisitions capabilities are fully integrated with other Voyager application modules. Order preparation is simplified by **linking** bibliographic records to order records. On-order status is indicated in OPAC displays. Purchase orders can be...

...can be performed by departmental libraries or other sub-units, even if

acquisitions is performed centrally. Newly **received** issues can be checked in by title, ISSN, UPC, or other identifiers. Check-in records can be...

...for any serial. Voyager provides predefined prediction templates for check-in and claiming. The templates can be **linked** to all serial titles with a given publication pattern and accommodate multiple copies and special supplements as...

...can specify the delay interval before claiming of missing issues.

When issues of a serial publication are **received**, holdings information is automatically updated. For each title, the Voyager serials control module maintains a check-in history that includes dates and status information for **received**, expected, missing, and claimed issues. During the check-in process, the system alerts the operator to missing... title or subject. Routing slips can be printed in batches or at the time individual issues are **received**. The serials module can also generate title or subject lists by recipient name. As with other Voyager...

...management reports.

For local mounting of reference data bases, the Voyager Citation Server loads, maintains, and provides **online** access to any citation data base that is available in the USMARC format, including popular data bases ...

...searching. Searches can be transferred from a library's OPAC to a citation data base. Citations are **linked** to library holdings to indicate which cited items are available in the library's collection.

The Voyager Citation Server can **connect** to Web sites referenced in locally mounted data bases. Endeavor also provides a **link** between external Z39.50-compliant data bases and local serial holdings. Thus, a Voyager client can search...

...the number of simultaneous searchers does not exceed authorized limits.

The Voyager ImageServer supports document scanning and **linking** of the resulting images to bibliographic records. It is compatible with popular document scanners and image formats...

...percent of Voyager installations are in special libraries. In that group, Endeavor has enjoyed particularly good market **acceptance** among museum libraries. The remaining Voyager installations are in public libraries. Endeavor has no school library installations...1) Well-designed products that effectively address customer requirements sell well; and (2) New library automation products **attract** considerable customer attention and sell well, provided of course that they are well designed and effectively address...

...character-based interfaces ensure OPAC access from a broad range of workstations.

Voyager's application components are **attractively** presented and highly functional. The cataloging module provides convenient methods for entering original cataloging records and importing...

...by other new integrated systems discussed in this issue. For digital library implementations, bibliographic records can be **linked** to library documents in full-text or image formats. **Links** to audio recordings, video segments, Web pages, or other multimedia information are also possible. Z39.50 compliance...

...As a potential disadvantage for some libraries, Voyager does not provide modules for materials booking, community information, **inventory** management, or homebound access. An interlibrary loan component, as noted below, is in development.

Voyager offers convenient...

...separate bibliographic and holdings records. At the time of this writing, Endeavor was developing client software for **online** searching across multiple Voyager installations. The client software will merge search results and resolve duplicates. Such broadcast...

...business, however, Endeavor must seek conversions from the products of other vendors, especially if it is to **attract** medium-size and larger libraries that have been automated for two decades or more. To date, Endeavor...

...replacement opportunities, as libraries seek newer technology to replace cumbersome, expensive mainframe implementations. With its ability to **link** bibliographic records to complete documents and multimedia information, Voyager should also **appeal** strongly to forward-thinking libraries that want to move beyond traditional integrated system applications and work toward...

...92008 telephone: (619) 431-8400; fax: (619) 431-8448 url:

<http://www.eosintl.com>

#### COMPANY BACKGROUND

Electronic **Online** Systems (EOS) International was formed in 1996 when Data Trek Incorporated acquired Information Management and Engineering (IME...

...performance. The server components are compatible with various versions of Unix or with Windows NT. The minimum **acceptable** hardware configuration for a Q Series server is a dedicated Pentium/166-Mhz processor with 256 megabytes...customer-supplied computers. EOS International and its authorized distributors can also provide complete turnkey solutions for customers **interested** in preconfigured combinations of hardware and software. EOS International is a authorized reseller for Microsoft, Novell, ACER...

...Q Series are modular integrated library systems. The T Series supports application modules for cataloging, authority control, **online** catalog access, circulation control, acquisitions, serials control, and interlibrary loan. Q Series modules include cataloging and authority control, **online** catalog access, circulation control, acquisitions, serials control, and a report generator. The T Series and Q Series...

...T Series is a character-based product, although an optional graphical user interface component is available for **online** catalog access.

The T Series cataloging module relies on formatted screens to facilitate key-entry of original...

...be imported from various sources, including bibliographic utilities, national libraries, and CD-ROM information products. A cable **connection** permits the direct transfer of cataloging records from an OCLC or BiblioFile workstation. The Q Series will...

...mandatory fields before storing cataloging records in a library's data base. Libraries can define lists of **acceptable** values for specified fields. Authority control is provided for personal names, corporate names, series titles, subject headings...

...transactions; and the number of items cataloged by type of material.

The T Series OPAC component supports **online** access to bibliographic records in several ways. For inexperienced or untrained users, the program provides a "browse...of contents, and other information into bibliographic records; bulletin board displays for library or community events; and **links** between a library's catalog and document images, full-text documents, Internet sites, HTML files, CD-ROM...

...other parameters. The Q Series OPAC supports range searches, right truncation (root word searching), left truncation (suffix **matches**), and searches for embedded character strings. Boolean AND operations are implied when multiple search terms are entered. Alternatively, Boolean AND, OR, and NOT operators can be entered explicitly to **link** search terms. Parentheses can be used to nest Boolean operations.

While the Q Series OPAC permits conventional...

...search terms in a natural language format. The Excalibur search engine employs adaptive pattern recognition processing to **match** variant spellings or potential misspellings. Concept searching will automatically

retrieve bibliographic records with related terms that are...

...allow OPAC users to launch new searches based on words or headings contained in previously retrieved records. **Links** to document images, web pages, digitized photographs, or other multimedia resources can be defined in the MARC...

...Series will support OPAC access to Z39.50-compliant data bases. The Q Series provides an integrated **link** to Information Quest, a Web-based information service offered by Dawson Holdings, PLC. Information Quest provides **online** access to citations, table of contents pages, and articles from scientific, technical, medical, and business journals. If...

...occurs. They can be key-entered or imported from computer-processible sources, such as personnel records, student **registration** records, or a borrower file maintained by another library automation system.

Circulation procedures are straightforward and resemble...command to renew all items charged out to a given borrower. When items are checked in, the **link** between item and borrower is erased. The T Series and Q Series do not maintain circulation histories...

...arranged by date; lists of missing items claimed to be returned; and various types of circulation statistics. **Inventory** and course reserve modules are planned for a future Q Series release. EOS International also plans to develop an interlibrary loan module and an electronic course reserves capability that will provide **online** access to images of reserve material with usage tracking for copyright compliance. The T Series and Q ...

...The Q Series can maintain fund files for exchange partners, with separate accounting for items given and **received**. Currency conversions are based on values stored in tables. A warning is issued when fund balances fall...

...Q Series can collect statistics about vendor performance. An invoice template is used to authorize payment for **received** items. The T Series and Q Series acquisitions modules can generate claiming and cancellation notices for overdue...

...rosters, fund status reports, and lists of delivery addresses. Order records can be archived when orders are **received** or canceled. Fund records can be archives or carried forward at the end of a fiscal year...

...issues. To produce claiming notices, the serials file can be searched for titles that should have been **received** by a given date. Libraries define publication chronologies and enumeration patterns for specific serial titles. Prediction formulas...s microcomputer-based products, while outside the scope of this report, are well suited to small libraries **interested** in standalone systems or small LAN configurations. The T Series is one of the few integrated systems...

...capabilities supported by the minicomputer-based Classic Dynix and VTLS systems.

EOS International's Q Series should **appeal** strongly to libraries that want to upgrade to the next generation of integrated system technology. A client...

...functionality and multimedia capabilities support digital library implementations involving full-text or document images, as does its **link** to Dawson Holdings' Information Quest service for **online** access to electronic journals.

The T Series and Q Series, the focus of this report, support the of EOS International's customer base. The T Series and Q Series provide features that **appeal** strongly to such libraries. Their cataloging modules, for example, offer the convenient data entry and text editing...

...capabilities offered by the T Series and Q Series OPAC modules are comparable to those supported by **online** information services that corporate and government libraries have utilized for several decades. In

fact, the extensive and...

...for relevance ranking of retrieved records, soundex searching, automatic substitution of synonyms and variant spellings, and for **accepting** search statements in a natural language format. Among other products discussed in this issue, only the C2...

...s Professional Series, which is well known among U.S. business and government libraries. U.S. libraries **interested** in a minicomputer-class system will probably prefer the Q Series, with its newer technology and more...Management System, which is also employed by other integrated library systems. Application subsystems are provided for cataloging, **online** public catalog access, circulation control, acquisitions, serials control, interlibrary loan, and report production.

An OLIB system can...

...by national libraries, bibliographic utilities, retrospective conversion companies, and other information providers. Among bibliographic utilities, OLIB supports **online connections** to OCLC, the British Library's BLAISE cataloging service, and SLS Explore Access, which provides next-day...

...publications, languages, and other field values can be maintained in standard forms in help lists that are **linked** to library-defined codes. When an operator enters a code into a cataloging record, the full form...

...to 30,000 characters in length can be entered into bibliographic records. An object attachment facility can **link** cataloging records to complete documents stored in character-coded or image formats. It can also be applied...

...of Congress, Dewey Decimal, UDC, and Bliss. The system automatically validates class marks. Subject headings can be **linked** to specific class marks for automatic insertion into cataloging records when the class marks are entered.

A...

...for reading lists that contain titles, course names, and instructors' names. Items in such lists can be **linked** to bibliographic records. Reading lists can be retrieved by course name, instructor, or other data elements.

OLIB...

...be selected for pasting into bibliographic records. Word processing documents, spreadsheets, images, and other files can be **linked** to bibliographic records by dragging their icons.

The OLIB product line supports three OPAC implementations. The original...

...can be intermingled in a given OLIB implementation.

All three OPAC modules are based on research into **online** catalogs performed by the OKAPI projects at City University in London. That research, which addresses problems that users face in **online** information retrieval, is discussed in dozens of publications, including Fieldhouse and Hancock-Beaulieu (1994), Hancock-Beaulieu and...

...where "computer" and "computers" are the subjects. This feature can be disabled to limit searches to exact **matches**.

The OLIB OPAC modules check each search term against a list of common spelling errors and variants...

...simultaneous display of hit lists and bibliographic records. Libraries can define sort sequences for retrieved records. Hypertext **links** allow users to initiate searches based on terms contained in displayed records. Users can save searches for...

...session at the point of termination. When users select text files, images, or other objects that are **linked** to catalog records, OLIB WorldView OPAC will automatically launch the program required to view the

associated object. **Links** can also be defined for Web pages or other Internet resources. With OLIB WorldView, users can select...

...performed in real-time. The OLIB circulation module uses the same screen for all transactions. As an **interesting** feature, the system automatically determines the transaction type. It will charge out an item if its status ...the codes are entered, the full name is automatically inserted into borrower records. Borrower records can be **linked** to photographs or documents, such as resumes. For selective dissemination of information, borrower records can be **linked** to **interest** profiles. Reports can be prepared for each borrower indicating newly **received** material of **interest**.

Holds can be placed at the title or copy level. Authorized persons can prioritize names in the...

...ordered through the acquisitions module. Subscription amounts are allocated to specific funds. To check in a newly **received** issue, an operator retrieves its title record and confirms that the next expected issue is correct. Claiming...

...library and other libraries. An operator enters information about the item and requester, searches the library's **online** catalog or a Z39.50-compliant data base, and initiates the request. Retrieved records can be transferred...

...If no record is retrieved, a blank request form can be completed. OLIB provides automatic interlibrary loan **links** to the British Library Document Supply Centre using the ARTTeL 2 protocol. A library can specify protocols for other interlibrary loan sources. Items **received** by interlibrary loan can be circulated. A history file of interlibrary loan requests can be searched. Request...

...Relational Data Base Management System. OLIB supports the customary range of application modules: cataloging with authority control, **online** catalog access, circulation control, acquisitions, and serials control, plus interlibrary loan. Materials booking, reserve room capabilities, and ...

...are encountered principally in Europe. An Openvms implementation is also available, but, in the late 1990s, its **appeal** is limited.

The various OLIB modules are intelligently conceived and effectively implemented. They are particularly noteworthy for...supports Z39.50 protocols at the client and server levels. A library's bibliographic records can be **linked** to document images, fulltext documents, digitized photographs, or other objects, which are represented by icons. When the **linked** objects are selected, OLIB will automatically launch the applications required to view them. Several unusual features, such as selective dissemination of information, record annotation, and the ability to group search results into folders, will **appeal** most strongly to special libraries, which constitute one-third of OLIB's installed base.

Fretwell-Downing has...

10/5,K/14 (Item 5 from file: 47)  
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04713296 SUPPLIER NUMBER: 19192267 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Resources description in the digital age.(cataloging and indexing; Resource Sharing in a Changing Environment)**  
Younger, Jennifer A.  
Library Trends, v45, n3, p462(26)  
Wntr, 1997  
ISSN: 0024-2594 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 12123 LINE COUNT: 01026

ABSTRACT: Libraries must adapt their cataloging and indexing to meet the needs of digital users. This process of resources description is even more

essential as information expands and users need uniform pointers to the information they want. Various formats for cataloging the Web and other resources are suggested.

DESCRIPTORS: Library catalogs--Automation; World Wide Web--Research;  
Libraries--Services; Cataloging--Innovations; Indexing--Innovations  
FILE SEGMENT: MI File 47

... users to search thousands of Internet sites with no more keystrokes than are needed for a typical **online** catalog search and through software operating from the user's own workstation. Although the significance, authoritativeness, and...

...a first choice of many whether for work or entertainment.

Successive generations of citation databases and library **online** catalogs incorporated more capable search engines as well as remote access any hour of the day, but...

...index documents daily, making thousands of resources available. Documents are retrievable with a single keystroke activating the **link** from the bibliographic citation directly to the document. Users visit hundreds of databases in one session, approaching...

...of architectures and technologies and second, of description and metadata (Coalition for Networked Information, 1996). Of primary **interest** here, description and metadata encompass new and familiar issues: document description by creators, HTML extraction (webcrawlers), library...

...location of a document. Regardless of the amount of information included, however, issues of system scalability, protected **intellectual property** not available without purchase or contract agreement, and the limitations of automatic ...types is emerging, with one typology listing six categories needed to support resource description and retrieval: (1) **registration** (uniform resource names), (2) terms and conditions for use, (3) document/object structure for instruction in access...

...can only be achieved through a system of access tools, each occupying a particular niche yet somehow **connected** to offer a logical and comprehensive set of tools.

#### THE DUBLIN CORE

Sophisticated resource description schemes, such...

...keys must be supplied rather than extracted from the title page--e.g., a subject heading or **links** to other works by the author--there is nevertheless value in the accessibility of all documents without...

...provide access where otherwise none would exist ( Organizing the Global Digital Library, 1995, p. 2).

With the **acceptance** of a role for self-indexed documents in fostering universal bibliographic access, there is much to be...common requirements and standard descriptors is a step toward consistency in resource description.

For information creators and **producers** to apply the Dublin Core, a mechanism for embedding the data within HTML documents had to be established. Additionally, there was considerable **interest** from the perspective of software and database creators/vendors in achieving some level of compatibility with existing...

...Searching Workshop for encoding metadata in attribute tags in HTML-structured documents. It is anticipated that software **developers** would, with assistance from those who are experts on the Dublin Core, create templates for assistance in creating such a data set for information creators and **producers** who are perhaps not accustomed to creating this type of information.

In conjunction with other members of...

...in digital resources and develop mechanisms for integrating different



forms of metadata (MARC, TEI, EAD, etc.)" in **online** access tools. Libraries should identify incentives to encourage information creators and **producers** to incorporate standard metadata in their publications. Such incentives might be a function of copyright or patent **registration**, revenue derived from increased access, or the prestige associated with participation in national programs. One example is...

...can be better, the results often contain duplicate listings as well as documents of peripheral or no **interest** with no assurance that all indexed documents related to the search are found. These largely word indexes...but also to identify all works related by author, title, or subject and to choose works of **interest** from among those collected or available.

#### FUNCTIONAL REQUIREMENTS OF BIBLIOGRAPHIC RECORDS

The most often quoted statement of...

...to be in a document, such as keywords in title or author fields. Users then evaluate the **matches** or nonmatches to select desired items or reformulate the search to reduce or increase the number of...name forms despite agreements of the Universal Bibliographic Control Programme. An international access record (authority record) would **link** the multiple preferred forms, with each identified for use in specific countries or in accordance with specific...

...by museums, libraries, and archives--vary in form by language or other aspect, the variant forms are **linked** to each other in the master authority file (Bower, 1992). The principle of collocation is achieved, the ...

...resources. Although initially libraries publicized their offering of access to Internet resources in special printed lists or **online** menus, just as the selection of Internet resources are gradually being brought into the mainstream of collection (Smith, Martin D., 1961-) is the one of **interest**, is not really a help. More helpful is a list of authors and titles with the titles...

...t have recognizable titles. Supplied titles can in time become well known, but a greater concern is " **linking** works converted into electronic form without an obvious title with the descriptions of their nondigital forms, for example, in **linking** the description of a hologram letter with an ASCII text or digital image, particularly when those three...

...relationships in documents. Reproducing documents in microform or digital formats for preservation and access purposes and expanding **online** access to archival repositories are putting enormous strains on the current bibliographic record structures. In hopes of...MARC formats (Gorman, 1992, p. 91). The object-oriented cataloging and proposed operationalization as a series of **linked** records points to significant gains from grounding AACR2 in considerations of access requirements and record sharing rather...

...same work in slightly different versions could be reduced as the record for the work could be **linked** to other records describing the different manifestations or items. In that way, a single record for the...

...through the addition of a local note on the MARC record for the original manifestation.

#### ADAPTATIONS IN **ONLINE** CATALOGS

Local **online** systems brought an integration of bibliographic access and circulation activities, item records for each physical piece, and...

...issue of how to catalog remote access versions of printed journals distinguishes between providing access to an **online** version through a bibliographic record for a print version and cataloging the electronic version (Hirons, 1996). The...

...the current record structure in national cataloging programs and databases. However, experiments in creating digital libraries and **online** formats for archival materials accelerated the stresses and strains on the MARC record format to the point...

...nor did they wish to manage multiple bibliographic records for component parts or versions in the local **online** system (Pitti, 1994). With no alternative in the MARC structure (Leazer, 1992), the Project turned to SGML...

...single document, it does not provide sufficient means for leading users directly to subunit records created and **linked** to higher level records. Minor attempts had been made to accomplish this within the MARC structure, primarily...

...of documents are definable in SGML. The Berkeley Finding Aid Project brought together parties with a shared **interest** in finding aids ... SGML-encoded bibliographic record of summary bibliographic information, detailed hierarchical and version-related data, as well as **links** to the actual or related digital items and related bibliographic records (Davis, 1995, p. 45).

The resultant...

...of current cataloging traditions. Today, Michael Buckland (1994) speaks eloquently in pointing out that "the effects of **linking online** bibliographies to catalog records begins to extend the bibliographic power of the catalog beyond the dreams of...

...These catalogs answer the question in the affirmative of whether library catalogs can offer direct access (hypertext **links** ) to Internet resources.

Earlier options taken by libraries were listing resources on the menus of other information **links** to finding aids which then provide hierarchically interlinked records for levels of analysis--collection-level, unit, subunit...

...records to locally generated SGML catalog records (SCRs) as proposed at Columbia University. The CIMI Cultural Heritage **Online** Information (CHIO) project is digitizing and encoding art exhibition catalogs and other materials in SGML-based records...

...future developments in integrating library generated data into the developing local and national information environment as effective **inventories** of and indexes to the electronic holdings of libraries" (Davis, 1995, p. 46). Data conversion occurs now...

...URL is said to be measured in weeks, not years, giving rise to the specter of broken **links** as an impossible burden for libraries and other organizations maintaining URLs in databases. It is possible sometimes...

...server that will look up the associated URL and return it to the web browser for subsequent **linking** to the document's server (Gardner, 1996, p. 48). Since 1994, OCLC has created free software for...

...Although it is not yet certain how URNs will be mapped to individual resources, there is clear **interest** in having a specific URN always associated with the same resource even though the resource is located... assist in cataloging--e.g., the Cataloging in Publication process. A TEI encoded document with header is **received**, the header is converted to a MARC record, which is then augmented with classification, subject headings, and...

...unlike data into the appropriate fields for indexing is crucial to the ability to create single or **linked** databases accommodating records in various formats. The interoperability of library-created records with those based on other...

...effective use of existing standard metadata schemes and in managing more than one such scheme in local **online** information systems. As such, it deserves to be considered first by the national and international standards organizations...M.) Pattie & B.J. Cox (Eds.), Electronic resources. New York: Haworth Press.

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04616849 SUPPLIER NUMBER: 18798957 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SLA in Boston: another record-breaking conference. (includes related articles on Special Libraries Association's 87th annual conference in Boston, Massachusetts)**

Esh, Sharise; Lovari, John; Romboletti, Christine; Redaljie, Susanne J.; D'Amicantonio, John; Campbell, Cristina; Jank, David; Hulser, Richard; Boland, Mary Jo; Fukai, Eiko; Powell, Toni; Barry, Kevin; Davis, Bonnie; Kitt, Sandra; Juneau, Ann; Tilson, Marie; Fortner, Diane M.; Pancake, Didi; Miller, Jeanne; Dresley, Susan  
Special Libraries, v87, n3, p195(37)  
Summer, 1996

ISSN: 0038-6723 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 22139 LINE COUNT: 01808

ABSTRACT: The Special Libraries Assn.'s 87th annual conference drew 7,706 librarians from around the world to Boston, MA, in Jun. 1996. The event featured more than 300 sessions which were attended by record-breaking crowds.

SPECIAL FEATURES: illustration; photograph  
DESCRIPTORS: Special Libraries Association--Conferences, meetings, seminars, etc.; Librarians--Conferences, meetings, seminars, etc.  
FILE SEGMENT: TI File 148

... Product demonstrations by SLA's contributors were also included for the first time.

Despite Boston's many **attractions**, division programs experienced record attendance - most of the more than 300 sessions were full, and some overflowed...

...offered by experienced SLA members through the Career Advisory Service. By appointment, SLA counseled more than 50 **interested** attendees, helping them to find new directions in the broad field of special librarianship and information management...

...following items were addressed at the June 7-8 meeting of the 1995/96 board.

The board **accepted** the Tellers Committee Report on the results of the 1996 election, declared ...Issues Caucus was reauthorized from June 1996 through the Winter Meeting in 1999.

Several routine budgetary requests **received** from AOOC and the Finance Committee were approved as presented. The Board of Directors also ratified an...

...Executive Committee on April 12, 1996 which made changes to the association's "Signatory Policy."

The board **received** annual reports from committees, SLA representatives to other organizations, and caucuses. Board proctors were instructed to inform...

...reports to the association.

The report on "Competencies for Special Librarians of the 21st Century" was also **received** by the board, who requested that this report be shared with the Professional Development Committee, ALA's...

...ALISE, as well as other venues within the information industry as deemed appropriate.

The Committee on Committees **received** approval to the charge for the Copyright Committee as well as a number of editorial and stylistic...

...the 1997 Winter Meeting.

Another committee was also formed to investigate how we use the Web to **receive** and deliver information to members and to develop a three-year plan for implementation. The members are...partially or fully sold. The 16 sponsors who generously supported conference activities are:

- \* Knight-Ridder Information - sponsored **registration** ;
- \* LEXIS-NEXIS - sponsored the General Session, the President-Elect's Reception for Students, and the Fellows' Reception...

...today by saying thank you to all of you. You have made my year as president so **interesting** , exciting, and wonderful: fellow board members, association headquarters staff, chapter and division officers, and of course, you...organizations getting involved in the "information business" these days:

- \* there is a global orientation of information;
- \* the **acceptance** of, and dependence on, technology is a key to our future;
- \* partnerships between information professionals and clients...

...and an opportunity for us.

Ourselves and Our Roles

For many years we have been adding value, **linking** people and knowledge - not just by finding and locating information, but by transforming it into something that is immediately useful, actionable. This includes:

- \* interpreting;
- \* analyzing;
- \* organizing, whether its labelling or hypertext **linking** ;
- \* packaging, whether its reports or pathways; and
- \* guiding, teaching, and raising the level of information literacy.

As...

...an information revolution, but now everyone knows and is trying to deal with it. Today, there are **interesting** and creative partnerships between malls, schools, and libraries; partnerships with special librarians and MIS; organizations everywhere are...

...lend some of his librarians! Truly, we are a valued commodity.

- \* Trainer, guide, information literacy guru.
- \* Product **developer** , database creator.
- \* Webmaster, Web manager.
- \* Facilitator, consultant.

In the future our roles will likely fall into two areas - knowledge consumers and knowledge creators:

- \* counsellors;
- \* cataloguers, indexers;
- \* team navigators;
- \* database designers;
- \* trainers and guides;
- \* software **developers** ;
- \* problem solvers;
- \* Webmasters;
- \* facilitators;
- \* product **developers** ;
- \* consultants; and
- \* information futurists.

The first group includes those of us who work with, and among, knowledge...

...many exciting opportunities for us as information professionals and for SLA as an association:

- \* Communication: international WWW **connectivity** ;
- \* Research: the value of information, knowledge, and our role;
- \* Public Relations: communicating that value (not only as...To move into this era, we need to develop best practices in order to be recognized and **accepted** as professionals rather than simply providers of a service. As part of the process, we have to...reflects your dedication to the association and profession.

Of SLA's various membership segments, one that has **received** increased attention is student membership. Hopefully most of our student ...This will provide greater flexibility in site selection and programming and dramatically improve the images that are **received** .

Speaking of International Special Librarians Day, I hope that all of you were involved this year. To...

...instruments.

Although the club was not formed until this year, it already has several members, who will **receive** plaques and lapel pins at our awards banquet this evening. Some benefactors wish to remain anonymous, but... members on widely-read and widely-carried publications, such as Information Today, Computers in Libraries, Searcher, and **Link** -Up. The discounts are available to SLA members who are renewing their subscriptions as well as to ...

...our two existing serial publications, SpecialList and Special Libraries. Here will be a brand new, exciting, informative, **attractive** monthly magazine aimed at all professionals in the information field.

Information Outlook's expanded format will mean...

...because it will be a valuable public relations tool. We are committed to making it a dynamic, **interesting** , and informative magazine that will present the association and the profession as progressive and professional. It will...

...is the government relations program. While it will continue to center around five core issues - copyright and **intellectual property** rights; telecommunications; global information infrastructure; access to information; and competitiveness, the program will address these issues more...look toward the future, we will plan for continued growth to assure that you will continue to **receive** the programs and services you expect. We will strive not just to meet your expectations, but to...more SLA members for their innovative use and application of technology in a special library setting. Winners **receive** a plaque and a cash award of one thousand dollars from Information Today, Inc.

This year, the...

...as "Nando.net." His application of technology in a special library setting has achieved global acclaim. The **online** news service, Nando.net, logs more than seven million accesses per week and is described as one...

...implemented a campaign geared to an external audience. The Cincinnati Chapter participated in a Business Expo that **attracted** 2,000 business people from the area. At its booth, the chapter gave search demonstrations and distributed...

...by Elizabeth Bibby, student in the School of Information Sciences, University of Tennessee, Knoxville.

- \* Elsie Okobi, Southern **Connecticut** State University, mentored by Gloria Zamora, Sandia National Laboratories; and

- \* Hemalatha Ramachandran, Northwestern University, mentored by Billie ...

...companies were recognized for joining the President's Circle. Sharon O' Donaghue, senior director, business research segment, **accepted** the gift for LEXIS-NEXIS. Jim Humphry is president of the H.W. Wilson Company Foundation. This...

...second new category of giving is Benefactor. Tom Daniels, market manager/special libraries for Ameritech Library Services, **accepted** a gift for Ameritech for their gracious support of the association.

Another new SLA program is the...seven years. Hallett is attending Louisiana State University. She was selected for her service attitude and strong **interest** in special libraries. She intends to work in a government or military library. Wilson is attending the...

...Special Libraries, in the past year.

This year, the award was won by Susan Charkes, Internet product **developer** with Reed Reference Publishing. Charkes' article, titled, "Information Technology: Beyond the Toolbox," exposes the need for information...

...office to 1996/97 association President Sylvia Piggott. The silver chain of office is symbolic of the **link** between librarians of all nations. Attached to the chain are silver dollars, representing the international understanding and...with a standing-room only presentation on "Advertising/Marketing Sources on the Internet." Her speech was so **interesting**, culminating to a call of action, that it was mentioned and discussed at each of the subsequent...

...conference event for those who were able to attend.

The division's programs at the 1996 conference **attracted** cosponsorships from seven other associations units, showing the broad **appeal** of the topics chosen. Monday was Medical Information Awareness Day, and in addition to the morning program...as our two Fifty Year Landmark Members, having joined us in 1946. Sewell was in attendance and **received** a standing ovation from the more than 80 members and guests in attendance. Later, at the SLA Annual Business Meeting, she **received** an award from President Jane Dysart as a Golden Anniversary Division Member of the Biological Sciences Division...

...for a conference program cosponsored with ITE on initiating a Web server. All the programs were well- **received**, with many positive comments from those attending. Over 350 people attended the five sessions sponsored (or cosponsored...the roundtable into a section. The Outstanding Sponsor Award was presented to Cambridge Scientific Abstracts (CSA), and **accepted** by Marketing Director Bart DeCastro. CSA was applauded for its vision in creating information products for the...

...after a full day of programs, there was a standing-room-only crowd, attesting to the continuing **appeal** of this type of resource sharing.

The most well-attended ERM program was cosponsored with BIO and...

...in some way. A lengthy detective process revealed that the culprit was a chemical, nonoxynol, which the **manufacturer** of the test tubes had added to the formula of the plastic to increase its durability. Nonoxynol...focused on librarians as information heroes and provided some provocative statements throughout his presentation, which kept everyone **interested** and made the session a great success. Many thanks to Sandy Moltz for arranging this session and...

...continue as convener for 1996/97. Hulser can be reached at rphulser@aol.com and welcomes volunteers **interested** in helping with the Web page or being the convener next year.

Information Technology Division by Mary...in Seattle where we will continue the learning process.

International Information Exchange Caucus by Toni Powell

Three **interested** members of the International Information Exchange Caucus met on Monday, June 10 at 4:30 p.m...that faculty will soon be routinely offering their working papers via their own home pages which, while **attractive**, will also offer challenges as new versions and drafts are completed and rifles change.

The second and...

...tanks like the EPI or the Brookings Institute. Hale discussed his

development of a powerful and very **interesting** INMAGIC database of research materials, its transfer to the Web, and how it has enhanced awareness of...the library is pursuing mutually beneficial relationships with other departments. One item that sparked a lot of **interest** was the use of the University of Alberta's business school consulting by MBA students, as well...

...libraries. Paige Andrew, of Penn State's Earth and Mineral Sciences library, has a home page with **links** to 140 Web sites. He described the early stages of planning the home page, the importance of...  
...a consultant to National Resources Canada, shared the middle stages of development and emphasized the importance of **links**, accurate spelling and vocabulary, and testing the pages on other computers, platforms, and browsers within and outside Laboratory. Accomplishments include the first automated **inventory** of the book collection. There was also recognition and a financial award to the library project team...

...Retired Members Caucus met on Monday afternoon during the Boston conference. Sixteen members and guests attended an **interesting** program prepared by Pauline Leeds. Our first speaker was from the Community Services Division of the Boston...Events began with Sunday afternoon's "Walking Tour of the Black Heritage Trail" on Beacon Hill, which **attracted** about 50 members as well as several tourists who trekked along to hear the fascinating history. We...

...three SOC members talked about their institutions and activities, then fielded questions.

"Tracking U.S. Federal Legislation" **attracted** 250 participants on Monday morning to learn about print and electronic sources for records, laws, and legislation...

...a Transportation Division Union List of Serials. We are well on the way, with 19 member libraries **interested** in participating. In the afternoon, four of our members related their experiences with bibliographic instruction to a...

10/5,K/16 (Item 7 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04598250 SUPPLIER NUMBER: 18684623 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A survey of online search services. (The Availability and Cost of Online Search Services, part 1)**

Saffady, William

Library Technology Reports, v32, n3, p341(51)

May-June, 1996

ISSN: 0024-2586

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 25702 LINE COUNT: 02267

ABSTRACT: **Online** search services offer a variety of databases to their users. Some like Dialog and Datastar offer a databases on a broad base of topics and others such as Dow Jones and Nexis focus on business related topics. Still other focus on specific subject matters such as Sci-Tech Services and Lexis.

DESCRIPTORS: **Online** services--Analysis; Data base industry--Services;

**Online** searching--Services

FILE SEGMENT: MI File 47

**A survey of online search services. (The Availability and Cost of Online Search Services, part 1)**

ABSTRACT: **Online** search services offer a variety of databases to their users. Some like Dialog and Datastar offer a...

TEXT:

An **online** search service is a publicly available, fee-based

While legislative tracking information is available through other **online** services, Washington Alert Service offers a number of exclusive information resources, some of which are updated several...

...Comreports data base contains the complete texts of Congressional committee reports. The Members data base is an **online**, updated version of the Congressional Quarterly publication entitled Politics in America. It contains political and personal information about all members of Congress since 1987. The Staff data base is an **online** version of the Congressional Staff Directory. The Reporter's Briefcase data base contains the complete texts of Congress, Governing, CQ Researcher, and CQ FaxReport. For most Congressional Quarterly periodicals, **online** availability precedes the printed editions by several days. In addition to the full text of the Congressional...

...events in 50 state legislatures.

The Legi-Slate search service, a subsidiary of the Washington Post, provides **online** retrieval of bills and resolutions by the names of sponsoring members, date of introduction, stage in the...

...or subject terms assigned by Legi-Slate analysts. The complete texts of bills and resolutions are usually **online** on the same day that printed copies become available from the Government Printing Office. Legi-Slate also offers **online** access to committee and subcommittee schedules and witness lists, house and floor votes, and the complete text...

DESCRIPTORS: **Online** services...

... **Online** searching

10/5,K/17 (Item 8 from file: 47)  
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04571549 SUPPLIER NUMBER: 18576964 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The best show on Broadway: ALA conference is full of surprises. (1996**  
**American Library Association Annual Conference) (includes article about**  
**the resignation of ALA Executive Director Elizabeth Martinez)**  
Kniffel, Leonard  
American Libraries, v27, n7, p44(13)  
August, 1996  
ISSN: 0002-9769 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 9182 LINE COUNT: 00741

ABSTRACT: Skepticism about the information superhighway, advocacy for children's library services and equal access to electronic information were important topics at the 1996 ALA conference. Overall conference attendance reached 23,747.

DESCRIPTORS: A.L.A.--Conferences, meetings, seminars, etc.; Library science--Conferences, meetings, seminars, etc.; Librarians--Conferences, meetings, seminars, etc.

NAMED PERSONS: Martinez, Elizabeth--Selection, appointment, resignation, etc.

FILE SEGMENT: MI File 47

... in Chicago), with 5,720 exhibits passes, 682 exhibiting companies, and 1,100 actual booths. With paid **registration** down by about 2,500 from last year, conference income will fall short of projections but the...

...Hotel July 11, the day after the conference ended.

Although Martinez cited the perennial "to pursue other **interests**" as the reason for her decision to step down in January, the resignation seemed **connected** to criticism she had **received** over management decisions that certain divisions and committees felt stepped on membership turf (see sidebar p. 46...



Maybe we can begin here to use literature as a way to **connect** rather than to divide."

She noted she learns all the time from her readers and the letters she **receives** from them, such as one from an 11-year-old who wrote: "Your books let me know..."

...at the Flatbush branch through a facilitator from the grant-funded Community Library Information Collaborative.

The facilitator **received** six weeks of training at BPL and other agencies and "moved through the neighborhood block by block...red tape of the Association bureaucracy, Martinez indicated at the press conference that she intended to "pursue **interests** outside the profession." Insiders were aware of Martinez's frustration with the latest round of turf squabbling...

10/5,K/18 (Item 9 from file: 47)  
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04474030 SUPPLIER NUMBER: 18106531 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**That was the year that was - 1995. (information industry developments of 1995)**

Lambert, Nancy  
Searcher, v4, n3, p42(6)  
March, 1996

ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4680 LINE COUNT: 00372

COMPANY NAMES: Knight-Ridder Information Inc.--Management; Questel Orbit Inc.--Management; Chemical Abstracts Service--Management  
DESCRIPTORS: Data base industry--Management  
PRODUCT/INDUSTRY NAMES: 7375000 (Database Vendors)  
SIC CODES: 7375 Information retrieval services  
FILE SEGMENT: TI File 148

TEXT:

Here we go again with a compilation of what was new in 1995 in **online** search resources for sci-tech and patent literature. I start with my usual caveats: My views are...

... file onto the Internet, the one that they talked about for most of 1995.

All the major **online** hosts and at least two **producers**, Derwent and MicroPatent, have active Web sites these days that combine **appeals** to end-user searchers and advertising with some genuinely useful information and hypertext **connections** to other useful information sources. All the major hosts now deliver both retrospective searches and alerting (SDI...

...I don't use them much and therefore don't know much about them. As an experienced **online** searcher,,I still find CD-ROMs frustrating. Their search capabilities are not standardized and are often, to someone used to the latest in dial-up **online** searching, clumsy and primitive. More importantly, they don't permit the sort of cross-file and multifile searching that we **online** searchers have come to love. So I leave them to other reporters.

The **Online** Hosts

Knight-Ridder Information (KRI)

The former Dialog Information Services announced in January 1995 its official name...

...Point- and-click multi file searching is available for pre-selected groups of databases. Of sci-tech **interest**: **Intellectual property**, biotechnology, environment, pharmaceuticals, and computers and engineering in the initial release; chemistry, food science and agriculture, medicine ...

...groups to choose from) and formulate their own searches, but not have to

...STN International/Chemical Abstracts Service (CAS)

Good ol' CAS -- they really do support their databases and their **online** host, STN International. Once again in 1995 STN led the field for system enhancements and additions of...

...welcome.

Chemical Abstracts is upgrading certain polymer types, specifically polymer esters and ethers, from manual to structural **registration** in the CAS Registry. Searchers can now retrieve them by molecular formula, component registry numbers, and some...

...its image delivery. They are offering U.S. patent page images in TIFF format from USPATFULL, viewable **online** and downloadable with STN Express or other Group 4 TIFF viewers. You can choose various combinations of...  
...chemical structures. This is not a practical document delivery system (several minutes per image page while the **online** meter keeps ticking), but it's a great way to screen patents in technologies where a picture... market, they have come up with lower-cost (and lower-use) options for 1996. If you're **interested**, but you can't scare up 20 chemists in your company who want SciFinder, call CAS about...

...frequencies. In all databases you can assign an automatic expiration date. You can also choose not to **receive** SDI runs that get no hits. In any databases with multiple occurrences of the same record (e...

...filing information, domestic filing information, and patent numbers) to determine patent family relationships.

\* STN has increased some **online** limits. You may now SAVE TEMP a total of 200,000 answers (double the old limit) and create 999 **online** L-numbered sets (up from 199).

\* STN announced in June 1995 (but made available earlier) a generous selection of **online** command language aliases for searchers more experienced on other hosts. You are now forgiven if you say, e.g., END or BYE instead of LOGOFF. (But not Orbit's command, STOP, **interestingly** enough -- turns out the first three characters of the command are already in use. Remember the good...

...Act) has grown considerably in the past few years. They plan to add the Japanese and Australian **inventories** soon.

\* INSPHYS, literature on physics, astronomy, and astrophysics. This file supplements INSPEC.

\* CHEMCATS, an **online** file of catalogs from 36 chemical suppliers such as Aldrich and Sigma. Another place to look if...

...change in pricing! The various hosts have implemented the new Beilstein pricing somewhat differently, but bottom line, **online connecttime** and searching are free, but displays are very expensive. They cost roughly \$10 per field, with a...

...various pay-up-front and pay-as-you-go options, even to the point of very high **online** and materials charges with no up front subscription fees.

This would permit information brokers to search Derwent...went back into the old (pre-1971) records and corrected multitudes of errors. (They even re-keyed **inventor** information for pre1971 chemical patents). They also added:

\* IPCs (International Patent Classes) to all pre-1971 patents...

10/5,K/19 (Item 10 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04075561 SUPPLIER NUMBER: 15415808 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Integrated library systems for microcomputers and mainframes: a vendor study. (part 1)**  
Saffady, William

online library systems: The Virginia Tech Library System (VTLS) at University of Houston-clear Lake. Journal of Educational...

...the terminological consequences]. Bibliothek 10 (1-2): 103-112. Wilson, F. 1989. Article-level access to the online catalog at Vanderbilt University. Information Technology and Libraries 8 (2): 121-31. Wood, R. 1988. Evaluating the RFP process for purchasing online integrated library systems. The Southeastern Librarian 38 (1): 4-8. Wood, R. 1993. Data Research Associates: An...

10/5,K/20 (Item 11 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04065768 SUPPLIER NUMBER: 15234691 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
ABA at LA: the most complete listing of exhibitors, offers, events. (1994 American Booksellers Association convention; Los Angeles, California) (includes related articles on Los Angeles and on the convention schedule and booth assignments) (Cover Story)  
Mutter, John; Theroux, Peter; McCullough, Bob; Simon, Carey; Solomon, Charlene Marmer; Jones, Margaret; Riegert, Ray; Kinsella, Bridget; Parisi, Joy; Sanborn, Margaret; Zinsser, John  
Publishers Weekly, v241, n18, p57(99)  
May 2, 1994  
DOCUMENT TYPE: Cover Story ISSN: 0000-0019 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 96286 LINE COUNT: 08138

ABSTRACT: The American Booksellers Assn will hold its 1994 convention at the Los Angeles Convention Center, Los Angeles, CA, from May 28-31. Complete convention details, as well as information on restaurants, bookstores and recreational facilities in Los Angeles, are presented.

SPECIAL FEATURES: illustration; photograph; table; chart; map  
DESCRIPTORS: American Booksellers Association--Conferences, meetings, seminars, etc.; Los Angeles, California--Conferences, meetings, seminars, etc.  
PRODUCT/INDUSTRY NAMES: 5942000 (Book Stores); 8610000 (Business Associations)  
SIC CODES: 5942 Book stores; 8611 Business associations  
FILE SEGMENT: MI File 47

... in distant aisles, but the show organizers have tried to make those areas, particularly the North Hall, **attractive** by locating author signings and other crowd drawers there.

This year's program seems to cover more...

...not laying blame, I know hype is our main export--paints a picture that is much less **interesting** than the real thing. There is something Dorian Greyish about it: the picture ages but the city...where Ronald Reagan and Jane Wyman (and tens of thousands of others) were married-- part of the **appeal** of Forest Lawn is that it is a place for the living as well as the dead...s 30\* in New York, in Los Angeles it's still 72\*. However, there are six million **interesting** people in New York, and 72 in Los Angeles."

More's the pity that S. J. Perelman...

...one find location shots that would provide the right atmosphere.

Unfortunately (or perhaps fortunately) for Williams, the **producers** shot most of the film in and around San Diego. When asked to comment about the results...

...then delicately slipping the novel over the line--after the envelope with the money in it was **received** from the other side.

Unwanted, Dead or Alive

Should the writer be dead before the story or...

Set	Items	Description
S1	532	(REGISTRATION OR IDENTIFYING OR ENROLLMENT OR SIGNING() (UP OR IN)) (3N)MODULE?
S2	5809846	ACCEPT? OR ADMIT? OR RECEIVE? OR TAKE?()IN
S3	5565423	STORE? ? OR STORING OR SAVE OR SAVING OR KEEP? ? OR KEEPING OR MEMORY OR CACHE? OR INNOVATION() (DATABASE OR DATA()BASE)
S4	4423012	INNOVATOR? OR INVENTOR? OR INITIATOR? OR DISCOVERER? OR ORIGINATOR? OR DEVISER? OR WRITER? OR AUTHOR?
S5	8988892	INNOVATION? OR RESEARCH? OR INTELLECTUAL()PROPERTY? OR PATENT? OR CERTIFICAT(2W)INVENTION? OR LICENS? OR EXCLUSIVE() (RIGHT? OR TITLE?) OR COPYRIGHT? OR COPY() (RIGHT? OR PROTECT?) OR DIGITAL()RIGHT?()PROTECTION OR TRADE()SECRET?
S6	17080010	MATCH? OR INTRODUCE? OR LINK? OR UNITE? OR CONNECT? OR ASSOCIATE?
S7	5276011	DEVELOPER? OR PLANNER? OR PRODUCER? OR MAKER? OR MANUFACTURER?
S8	5725454	CONNECTED()NETWORK? OR INTERNET? OR COMPUTER()NETWORK? OR WWW OR W()W()W OR WORLDWIDE()WEB OR WORLD()WIDE()WEB OR WEB()-(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S9	6270802	ATTRACT? OR INTEREST? OR APPEAL? OR INVIT?
S10	2	S1 (S) S2 (S) S3 (S) (S4 OR S5)
S11	9	S1 (S) S2 (S) (S4 OR S5)
S12	104349	(S4 OR S5) (S) S6 (S) S7
S13	58626	S7 (3N) S9
S14	1016	S12 (S) S13
S15	0	S14 (S) S1
S16	132	S14 (S) S2
S17	35	S16 (S) S8
S18	44	S10 OR S11 OR S17
S19	27	S18 NOT PY>1999
S20	22	S19 NOT PD>19991012
S21	20	RD (unique items)
File	15:ABI/Inform(R)	1971-2003/Mar 04 (c) 2003 ProQuest Info&Learning
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	647:CMP Computer Fulltext	1988-2003/Feb W3 (c) 2003 CMP Media, LLC
File	275:Gale Group Computer DB(TM)	1983-2003/Mar 04 (c) 2003 The Gale Group
File	674:Computer News Fulltext	1989-2003/Mar W1 (c) 2003 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2003/Mar 04 (c) 2003 The Dialog Corp.
File	98:General Sci Abs/Full-Text	1984-2003/Jan (c) 2003 The HW Wilson Co.
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
File	47:Gale Group Magazine DB(TM)	1959-2003/Mar 04 (c) 2003 The Gale group
File	624:McGraw-Hill Publications	1985-2003/Mar 05 (c) 2003 McGraw-Hill Co. Inc
File	636:Gale Group Newsletter DB(TM)	1987-2003/Dec 02 (c) 2003 The Gale Group
File	484:Periodical Abs Plustext	1986-2003/Mar W1 (c) 2003 ProQuest
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	613:PR Newswire	1999-2003/Mar 05 (c) 2003 PR Newswire Association Inc
File	16:Gale Group PROMT(R)	1990-2003/Mar 05 (c) 2003 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	141:Readers Guide	1983-2003/Jan (c) 2003 The HW Wilson Co

File 553:Wilson Bus. Abs. FullText 1982-2003/Jan  
(c) 2003 The HW Wilson Co

21/3,K/1 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01521461 SUPPLIER NUMBER: 12304436 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Labs, Fox Valley Technical College team up on scoring format. (PC Week  
Shoot-Out Courseware Authoring Tools)**  
Coffee, Peter  
PC Week, v9, n26, p109(1)  
June 29, 1992  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 841 LINE COUNT: 00069

ABSTRACT: Scoring for the Shoot-Out on courseware **authoring** products was determined by both PC Week Labs and Corporate Lab Partner Fox Valley Technical College. Discussions...

...hands-on developers in the work area at any given time. Teams were supposed to demonstrate a **registration module**, **lesson module**, examination module and a grading module, with the examination module being the most difficult. Each team then...

...of development, and discussed products and problem-solving strategies with the judges. Each of the six products **received** scores for 51 items. PC Labs also addressed ease of training administration and rated both the student...

21/3,K/2 (Item 1 from file: 674)  
DIALOG(R) File 674:Computer News Fulltext  
(c) 2003 IDG Communications. All rts. reserv.

075592  
**Fiber-optic converters bolster nets**  
Byline: BOB MAYER  
Journal: Network World Page Number: 51  
Publication Date: June 28, 1999  
Word Count: 569 Line Count: 59

Text:

... Over the past few years, two implementations, with different physical form factors, have been vying for market **acceptance** in optical networks. The first optical technology, Gigabit Interface Converter (GBIC), integrates the transmit and **receive** functions needed to convert between serial-electrical and serial-optical signals, simplifying switch and hub design. The...

... wholesale replacement of system-level boards. The use of GBIC transceiver modules reduces overall system deployment and **inventory** costs because a single form factor can be used for all transceivers. Network executives are not forced...

...by remotely checking the capabilities of each GBIC port on a switch that is experiencing problems, potentially **identifying** incompatible or malfunctioning **modules** without an on-site service call. Mayer is vice president of sales & marketing at Cielo Communications, a...

21/3,K/3 (Item 1 from file: 696)  
DIALOG(R) File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00693137  
**Editorial Calendar Alerts**  
PR NEWS  
October 4, 1999 VOL: 55 ISSUE: 39 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...Editor, Baltimore Magazine, 1000  
Lancaster Street, Baltimore, MD 21202. Phone: 410/752-7375; Fax:  
410/625-0280. [www . baltimoremag.com](http://www.baltimoremag.com).

CONSUMERS DIGEST MAGAZINE

Editorial: Where to put your money in 2000. Basic information  
on how...

...in any  
pre-written stories. Feel free to follow up, but don't hound. Wasik  
likes to **receive** information on new products and ideas that are not  
the standard retail items. Wasik asks that you...6th Floor,  
Skokie, IL 60077. Phone: 847/763-9200; Fax: 847/763-0200; email:  
[jwasik@consumersdigest.com](mailto:jwasik@consumersdigest.com). [www .consumersdigest.com](http://www.consumersdigest.com).

CREATIVE CLASSROOM

Editorial: Teachers Using Technology is the theme for this  
upcoming article. The goal...

...Floor, New York, NY 10010. Phone: 212/353-3639; Fax: 212/ 353-8030;  
email: [ccmedit@inch.com](mailto:ccmedit@inch.com). [www . creativeclassroom.com](http://www.creativeclassroom.com).

EDN

Editorial: Best Tech Toys of 1999. They are expanding their  
regular tech toys feature...

...mostly comprised of  
electronic design engineers. The largest group of readers, almost 25%  
come from Original Equipment **Manufacturers** (OEMs), followed closely by  
readers from industry controls, test and medical equipment  
**manufacturers** (20%) and the communications industry (19%).  
Contact: Joan Lynch, managing editor, asks that you contact her  
with...  
...St., Newton, MA 02458. Phone:  
617/558-4215; Fax: 617/ 558-4470; email: [jlynch@edn.cahners.com](mailto:jlynch@edn.cahners.com).  
[www .ednmag.com](http://www.ednmag.com).

FINANCIAL PLANNING

Editorial: Top **Planners** ' Marketing Strategies. This story will  
focus on what the leaders in the financial planning profession have  
done...

...and growth figures should be submitted.

Deadline: Oct. 11

Background: 100,000 monthly readers.

Contact: Melissa Phipps, **associate** editor, financial planning,  
is techno-savvy and only wants news via email with her second choice  
being...industry, including significant mergers, new  
products, software, marketing techniques and client strategies are of  
interest. Melissa Phipps, **Associate** Editor, Financial Planning,  
Securities Data Publishing, 410 West 57th Street, 11th Floor, New  
York, NY 10019. Phone...

...Editorial: Surface Treatments, Machining Motors and Motion  
Controls. This is really just a feature on the latest **innovations** ,  
medical products and technologies relating to these subjects. Any  
products or techniques that are of **interest** to medical device  
**manufacturers** are of **interest** .

Deadline: Oct. 4

Background: 35,000 readers, mostly medical device **manufacturers** ,  
**interested** in being updated on the latest trends in the industry.  
Contact: Managing Editor Sean Fenske is very...

...Technology, POB 650, Morris Plains, NJ 07950. Phone: 973/ 292-5100,  
ext. 271; email: sfenske@cahners.com. www .mdtmag.com.

#### PC COMPUTING

Editorial: The Insider's Guide to **Internet** Shopping. This will  
be an in-depth article covering hard-to-find deals, great bargains and  
lots of secret tips on how to use the **Internet** to find and make good  
buys. Share your special sites and tricks.

Deadline: Oct. 3

Background: Over...

...news related to tech trends, case  
studies of successful new technology uses and hear about any new **Web -  
based** product or services. Email is the only way to contact Ayers.  
Leslie Ayers, Senior Editor, PC Computing...

...ayers@zd.com. www .zd.com.

#### PLUG IN DATAMATION

Editorial: Supply Chains on the Web. Companies are moving their  
products through **Web sites**. This article will take a look at this  
movement from traditional catalog sales to new **Web - based** store fronts.  
Any successful case studies, products that help or tips in preparing  
for the new store...

...by Oct. 6 for the November  
issue.

Background: This is a Web-only monthly publication. Visit the  
**Web site** at www .datamation.com for more insight into this  
publication.

Visitors can subscribe to an email version or browse this publication  
and the archives from the **Web site**.

Contact: Please don't fax or send letters. Debbie Etsten,  
assistant editor, shared that they are not...

...our contact in discussing this story. We also  
found that Beth Stackpole is listed as a contributing **writer** for this  
article on the **Web site** and can be reach at  
bstack@stackpolepartners.com. To reach Debbie, who is the staff  
**writer** managing this article, she prefers email:  
detsten@datamation.com and phone calls as a second alternative. Phone...

21/3,K/4 (Item 2 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
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00690769

**NUON - INTERACTIVITY FOR THE 'LEAN BACKS'**

INSIDE MULTIMEDIA

September 13, 1999 VOL: DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 1739

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...VM

Labs could argue that the Nuon chip was a no-brainer choice for the  
consumer electronics **manufacturers** because it was the same price as an  
MPEG decode chip. That statement is no longer true...

...Entertainment America

for two years, where he headed North American PlayStation library  
development, development support and peripherals **licensing**. He is  
totally convincing in his commitment to the Nuon dream.



To understand the Nuon pitch it...

...format been adopted for these next-generation games consoles? The answer has much to do with enhanced **copy protection** procedures and world-wide availability of DVD replication capacity (without the burden of MPEG royalties).

That is...Interactive Rocky

Horror Show), Simon & Schuster Interactive, Sound Source Interactive, Southpeak Interactive, Sunsoft and Vatical Entertainment. Other

**developers** /publishers include: Total Arkade Software (Freefall 3050 AD), Tiertex Design Studios (strategy shooter Titan 3), Fungus Amungus... movie

streams with video and audio TS directories. In addition it would contain:

- \* browser (VM Labs has **licensed** Spyglass Device Mosaic 3.2, a small footprint embedded Web browser)
- \* operating system kernel
- \* JavaScript
- \* directory for...

...and activate the browser

application. It is significant that HTML and Flash is used extensively in the **authoring** process. In many ways this is a real breakthrough. You don't need Java programmers or Macromedia Director specialists. HTML **authors** are ten-a-penny. Interactivity is possible with widely available tools and widely available **authors**. Nevertheless interactivity comes at a price.

#### HARDWARE AVAILABILITY

A yellow flash on the package will clearly denote...

...from Hollywood. It is working with

InterActual Technologies (IM199) and Panasonic Disc Services Corporation (PDSC) to develop **authoring** tools and replication services. This will enable movie studios to add **Websites**, customised user interfaces and 3D videogame content to enhance the usual DVD-Video experience.

At the present...attracting Hollywood movie studios and other entertainment companies to share in the rapid expansion of interactive content **received** through television". So there you have it. Nuon is not a cure for cancer, neither is it...

...Web DVD. Indeed it has much in common with Divx, more than VM Labs would care to **admit**. Divx depended upon an enhanced DVD player and non-standard DVD discs to release its particular attributes...

...At DVD Pro last month, Geoff Tully made the following observation: 'Divx was proof of concept for **Internet** plus DVD-Video'. Nuon goes one step further. By including an operating system at its heart it provides the missing **link** to interactive DVD - the holy grail of multimedia **developers**.

The pessimist might say that we have progressed back five years to where we were with CD...

...interactivity to a bog-standard DVD-

Video player. The big difference this time around is that the **Internet** has given us the low-cost **authoring** mechanisms like HTML and the browser/operating system environment to make it all hang together. The biggest worry for Nuon must be that an **Internet connected** set-top box with a hard drive and a fancy chip could upset its DVD plans. It...

...streams and that is common to digital television as well as DVD. But for the interactive media **developer** the big **attraction** is interactive DVD. It may be that Nuon will have most impact in the business-to-business...

21/3,K/5 (Item 3 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
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00682982

CE INDUSTRY UNIFIED ON SDMI SPECS

AUDIO WEEK

July 26, 1999 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: WARREN PUBLISHING INC.

LANGUAGE: ENGLISH

WORD COUNT: 1245

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...who are  
on verge of doing so have vowed to offer product that is SDMI-  
compatible. However, **manufacturers** we spoke with who are about to  
come out with either 2nd-generation device or their first...

...Nomad will be.

Potentially most onerous part of published spec is section  
titled "New Circumstances." It obliges **license** holder under  
certain conditions to cease production and sale of products ...is  
something of a concern," he believes there will be  
flexibility on part of SDMI for allowing **manufacturers** time to  
upgrade products. "To my understanding that's something that's  
going to be implemented in...

...because I think we're [all] in this together... They're certainly  
not trying to hurt the **manufacturer**." Besides, he said, it's in  
best **interest** of **manufacturers** to make products that can be  
upgraded and then upgrade them when somebody figures out "way to...

...which he is convinced will happen sooner or  
later. He said it wouldn't make sense for **manufacturer** to sell  
device it labeled "SDMI-compliant" if it no longer was able to  
protect content. If SDMI were to "be particularly difficult" on  
time given to **manufacturers** to upgrade products, he said: "I  
think that will have just a bad impact on the whole industry and I  
don't think they want that." He also pointed out that  
**manufacturers** are "not in any way required to continue to build  
SDMI products should they decide to make..."

...us."

Sony hasn't announced specific plans for portable digital  
music device, but was among first CE **manufacturers** to embrace SDMI  
when effort was announced by RIAA some months ago. On spec's  
ratification, spokesman...

...representing "a giant leap  
forward for the digital music industry and a tremendous  
opportunity for consumer technology **manufacturers**." Although  
spokesman had indicated otherwise, statement didn't address  
specific provisions in spec, including conditions under which...

...can be recalled. Shapiro said: "This cooperative effort  
between the recording and consumer technology industries  
effectively eliminates **copyright** protection as a potential  
obstacle to fulfilling the strong consumer demand for digital  
music products." He also...

...to make copies of  
recordings for their personal use."

Complete text of spec as posted on SDMI Web site ([www.sdmi.org](http://www.sdmi.org)) July 15 introduces technical terms that SDMI officials presumably hope will become household words, at least in engineering circles. For example, " **licensed** compliant module" (LCM) is interface that's backbone of SDMI infrastructure and "...permitted copies is "decremented" by one. PD itself won't include LCM. But if LCM "needs to **receive** information about the PD's capabilities, the PD shall support means for the LCM to **receive** such information."

Specs govern restrictions on SDMI sound quality and passthrough capabilities on PD's inputs and outputs. For example, PD may **accept** analog input from microphone built into device, "provided that the content is immediately converted to SDMI-protected..."

...who are on verge of doing so have vowed to offer product that is SDMI-compatible. However, **manufacturers** we spoke with who are about to come out with either 2nd-generation device or their first...Nomad will be.

Potentially most onerous part of published spec is section titled "New Circumstances." It obliges **license** holder under certain conditions to cease production and sale of products if circumstances arise later that cause... "...is something of a concern," he believes there will be flexibility on part of SDMI for allowing **manufacturers** time to upgrade products. "To my understanding that's something that's going to be implemented in..."

...because I think we're [all] in this together... They're certainly not trying to hurt the **manufacturer** ." Besides, he said, it's in best **interest** of **manufacturers** to make products that can be upgraded and then upgrade them when somebody figures out "way to..."

...which he is convinced will happen sooner or later. He said it wouldn't make sense for **manufacturer** to sell device it labeled "SDMI-compliant" if it no longer was able to protect content. If SDMI were to "be particularly difficult" on time given to **manufacturers** to upgrade products, he said: "I think that will have just a bad impact on the whole industry and I don't think they want that." He also pointed out that **manufacturers** are "not in any way required to continue to build SDMI products should they decide to make..."

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passthrough capabilities on PD's inputs and outputs. For example,  
PD may **accept** analog input from microphone built into device,  
"provided that the content is immediately converted to SDMI-  
protected...

21/3,K/6 (Item 4 from file: 696)  
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00669312

**MOBILE**  
TELECOMS STANDARDS & APPROVALS REVIEW  
April 20, 1999 VOL: 4 ISSUE: 4 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 1263 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...Applications

The wireless application protocol could encompass the entire  
wireless community. Examples include:

- \* Information retrieval on the **Internet** - The WAP browser can be  
used in a similar way to an ordinary 'surfing tool,' but there...

...forth.

- \* The 'serviceman application' - With a WAP-enabled mobile phone  
servicemen on duty can access their company **inventory** to check whether  
or not a spare part is available, use the same application to order  
spare parts and immediately **receive** a confirmed delivery date.

- \* Notification applications - By means of agents residing in  
servers, users can be notified...

...the objectives of specifying the wireless  
application protocol was to make the mobile phone compatible with the  
**Internet**. Therefore, it was only natural that an **Internet** -oriented  
approach be adopted. The WAP stack is similar to the layers used in  
the **Internet** Protocol.

The following entities are defined in the wireless application  
protocol:

- \* Micro-browser - Can be compared to a standard **Internet**  
browser; for example, Netscape Navigator or Microsoft **Internet**  
Explorer.

- \* WML Script (wireless markup language, specified by the WAP  
Forum), similar to JavaScript. - The script provides...call-handling  
applications; for example, the  
definition of call chains and various options when a call is **received**.

- \* Content formats - Includes business cards, calendar events and  
so on.

- \* A layered telecommunication stack - Includes transport,  
security...

...of two

categories: frequency hopping (FH) or direct sequence (DS). In both

cases synchronisation of transmitter and **receiver** is required. Both forms can be regarded as using a pseudo-random carrier, but they create that...

...signals are carefully  
bandlimited.)

A second multiplication by a replica of the same  $p_1$  sequence in the **receiver** recovers the original signal.

The noise and interference, being uncorrelated with the PN sequence, become noise-like...

...by  
narrowband filtering that rejects most of the interference power. It is often said, with some poetic **license**, that the SNR is enhanced by the so-called processing gain  $W/R$ , where  $W$  is the...

...of techniques is  
likely to be defined. The air interface is the common ground on which equipment **manufacturers** and operators must agree (see the News from ITU).

\* **Innovation** in wireless, short-range radio technology  
Bluetooth announced  
A rapidly growing consortium, now consisting of over 500...

...range  
radio technology providing communication between a wide range of mobile devices.  
The technology is suitable for **connections** between computers and printers, mobile ...and handheld communications devices as well as digital cameras, etc.  
Typical examples of its application might be **Internet** access via a completely wireless **connection** routed through a mobile phone to a notebook PC, and wireless transmission of a digital photograph directly...

...an air interface tailored to minimise current consumption.  
The aim is to produce a specification for seamless **connection** and communication between mobile computers, digital cellular phones, handheld devices, network access points and other mobile devices via wireless short-range radio **links** unimpeded by line-of-sight restrictions, eliminating the need for proprietary cables to **connect** devices.  
Based upon a small, high performance integrated radio transceiver, which is allocated a unique 48-bit...

...performance in noisy radio  
environments. Short packets will enable Bluetooth to provide flexible and high data rate **links** in the presence of interference and CVSD (Continuous Variable Slope Delta Modulation) voice coding is employed to...

...comes from the 9th century Danish king Harald  
Bluetooth. In the same way that he unified Scandinavia, **interested manufacturers** have now joined forces to create a common standard for wireless communications that can **connect** various applications using radio technology

21/3,K/7 (Item 5 from file: 696)  
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00635902

Media Blunders May Have Set the Stage for a Kinder, Gentler Press  
PR NEWS  
November 16, 1998 VOL: 54 ISSUE: 45 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 765

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...by Joe Nicholson headlined "Did The New York Times  
Get it Wrong About Cancer?"

Now, in an **admittedly** atypical move, CNBC invited AmeriTrade  
Chairman and CEO J. Joe Ricketts to return to its "Today's..."

...flat as well.

Within hours of the broadcast, however, AmeriTrade's PR department was  
contacted by CNBC **producers** who **invited** Ricketts to return as a guest  
the following day. Due to other business engagements, Ricketts wasn't...

...Par for the Course

"We strive to be fair and to be seen as credible," CNBC Executive  
**Producer** David Friend told us last week.

Friend was one of a small team - including Today's Business...when the  
media deserved to get its knuckles wrapped,"  
Paterson says.

Although there is no current market **research** to back up the  
media's willingness to **admit** errors, experts say that recent  
blunders - from CNN's retraction of a story about military use of...

...becoming a bit more responsive. There  
is trickle down, all the way from Dan Rather to the **Associated** Press."  
It's not clear when the corner was turned, but early examples of  
testing media accountability...

...a decade when media outlets hammer out  
corrections and unprecedented apologies in an environment fueled by  
the **Internet** and fiercer competition. In that vein, many are turning  
the ethics microscope on the media.  
It's...

21/3,K/8 (Item 6 from file: 696)  
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00623369

**CTI Industry Revenue To Nearly Quadruple By 2004**  
COMMUNICATIONS TODAY

September 11, 1998 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 908

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...are  
projecting. Much of the growth will be being driven by companies  
seeking to reduce overhead costs **associated** with inbound and outbound  
calls and by their need to improve their levels of customer service.  
An update of an earlier report a year ago, co- **author** and Frost &  
Sullivan analyst Suresh Joseph said the **research** found increased  
migration among to unified messaging. The consultants also found more  
vendors adapting products to the...

...software.

Much of the market in the CTI boards industry is controlled by  
five large CTI board **manufacturers** that typically are involved in most  
of the board segments. Leading companies include Brooktrout  
Technology [BRKT], Dialogic...

...of the CTI board categories," said  
Frost & Sullivan telecommunications analyst Andrey Kuzyk. "This group  
includes Aculab, BICOM, **Linkon**, and Pika Technologies."  
"Competition in the market is primarily based on breadth of  
product line and volume..."

...types  
of end-user needs. In addition, distribution channels such as OEMs,  
VARs and integrators are also **attracted** to **manufacturers** who offer  
them board product choices."  
The CTI software market has many different niche providers.  
However, some...

...integrators; high per port price of CTI products  
\* Trends: more integrators being trained; companies introducing  
fax over **Internet** and voice over **Internet** boards

#### CTI Interface Boards Market

\* 1997 Total Revenue: \$233.7 million  
\* Factors driving revenue growth: CTI productivity call centers  
\* Factors restraining revenue growth: integrators' lack of CTI  
experience; slow **acceptance** of CTI by mass market; high cost of CTI  
\* Trends: **manufacturers** developing higher density boards;  
interface functions being integrated into other hardware

#### Call Center CTI Software Market

\* 1997...

...driving revenue growth: need for greater productivity;  
proliferation of Windows NT based applications; Telephony Application  
Programming Interface **connectivity**  
\* Factors restraining revenue growth: proprietary systems in  
market; vendors' lack of skills; additional traffic over data networks...

...CTI growth will likely be the general growth of call  
centers, as well as continued cooperation between **manufacturers** and  
VARs.

"**Manufacturers** are cooperating with distribution channels such as  
systems integrators. And VARs are having partnership programs and  
have...

...comfortably embraces CTI in  
households. (Suresh Joseph, Andrey Kuzyk, Alpa Shah, Frost &  
Sullivan, 212/964-7000, [http:// www .frost.com](http://www.frost.com).)

...

21/3,K/9 (Item 7 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
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00551426

#### News Digest

Online Marketplace

July, 1997

DOCUMENT TYPE: NEWSLETTER

PUBLISHER: JUPITER COMMUNICATIONS

LANGUAGE: ENGLISH

WORD COUNT: 1841

RECORD TYPE: FULLTEXT

(c) JUPITER COMMUNICATIONS All Rts. Reserv.

#### TEXT:

...become a First Virtual Holdings Express Seller and the parties will work  
together to integrate a VirtualPIN **registration module** into future  
products. VirtualPINs combine e-mail technology and personal identification  
number (PIN) concepts to provide the...publishing product. Through this  
alliance, Dataware will be able to offer commercial publishers an  
integrated Web publishing, **authorization**, metering, and billing system

... WebTV announced its plans to supply a free software upgrade to its WebTV...

...alliance with CyberCash to promote electronic commerce. CyberCash's payment services will allow STT's clients to **accept** Internet payments using microtransactions, credit card payments, or electronic check payments. STT will facilitate the development of...

21/3,K/10 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05076978 SUPPLIER NUMBER: 19581028 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Ameritech Library Services. (Vendors of Integrated Library Systems for Minicomputers and Mainframes: An Industry Report, part 1)**  
Saffady, William  
Library Technology Reports, v33, n2, p143(17)  
March-April, 1997  
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8455 LINE COUNT: 00741

... of articles by the same author or about the same subject.  
The Dynix and Horizon circulation control **modules** support borrower **registration**, check-out, check-in, holds, fines accounting, recordkeeping, shelf **inventorying**, and interlibrary loan tracking. Circulation transactions are governed by library-specified parameters for loan periods, grace periods...

...when exceptional item or borrower conditions are encountered.  
Self-service check-out capability is supported. The borrower **receives** a printed record containing the library name, item identifier, and due date for each item charged out...

21/3,K/11 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

04075561 SUPPLIER NUMBER: 15415808 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Integrated library systems for microcomputers and mainframes: a vendor study. (part 1)**  
Saffady, William  
Library Technology Reports, v30, n1, p5(141)  
Jan-Feb, 1994  
ISSN: 0024-2586 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 60348 LINE COUNT: 05244

... other publishers. Authority control, with "see" and "see also" references, spans all databases.

The Dynix circulation control **module** supports borrower **registration**, check-out, check-in, holds, fines accounting, recordkeeping, shelf **inventorying**, and interlibrary loan tracking. Circulation transactions are governed by library-specified parameters for loan periods, grace periods...

...borrower conditions are encountered. The Dynix circulation module supports a self-service check-out capability. The borrower **receives** a printed record--containing the library name, item identifier, and due date--for each item charged out...

21/3,K/12 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00985898



**SUN POWER: Is the center of the computing universe shifting?**

Business Week January 18, 1999; Pg 64; Number 3612

Journal Code: BW ISSN: 0007-7135

Section Heading: Cover Story

Word Count: 4,002 \*Full text available in Formats 5, 7 and 9\*

**BYLINE:**

By Robert D. Hof in Cupertino, Calif., with Steve Hamm in San Mateo, Calif., and Ira Sager in New York

**TEXT:**

...jumped 30% last year.

**JAVA**

Sun's software for writing programs that can run on any device **connected** to a network is the grease for a simpler style of computing and **Internet** services. To hasten Java's **acceptance**, Sun charges only minimal **licensing** fees, thus **attracting** 900,000 software **developers**. Java's momentum hasn't caught on for creating desktop applications, but many corporations are using it...

21/3,K/13 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04075048 Supplier Number: 53613227 (USE FORMAT 7 FOR FULLTEXT)

**BALTIMORE: Nine commercial certificate authorities choose Baltimore**

**UniCERT.**

M2 Presswire, pNA

Jan 20, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 821

... stated Fran Rooney, Chief Operating Officer of Baltimore. Belgium's national PTT, Belgacom, recently launched its Certification **Authority** service under the brand name, E-Trust. Jean-Pierre Baudoin, Business Development Director for Multimedia and Infohighways...

...Key Infrastructure (PKI). UniCERT consists of a highly secure back-end CA system using tamper-resistant hardware, **registration authority** **modules** and gateways that offer scalable, seamless integration with other secure software systems. "We searched for a partner...

...of cryptographic toolkits to PKI-enable any system, which is seen as critical in achieving mass market **acceptance** of Trusted Third Party and Commercial CA networks.

About Baltimore Baltimore develops and markets security products and ...

21/3,K/14 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04015518 Supplier Number: 53217441 (USE FORMAT 7 FOR FULLTEXT)

**-ECONOMIC RESEARCH SERVICE: Oil crops outlook.**

M2 Presswire, pNA

Nov 13, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2172

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

M2 PRESSWIRE-13 November 1998-ECONOMIC **RESEARCH SERVICE: Oil crops** outlook (C)1994-98 M2 COMMUNICATIONS LTD RDATE:121198 -- Advancing Harvest,

Sluggish Demand Pressure...

...extending an already long growing season, and a dry autumn created very good harvest conditions throughout the **United States**. As of November 8, 94 percent of U.S. soybeans had been harvested, compared to the...

...loan rate is set at \$5.26 per bushel, the maximum allowed under the 1996 farm legislation. **Producers** may also reduce **interest** charges by selling the crop, even when priced below the loan rate. If the marketing loan is...  
...USDA's posted county price (PCP) is less than the county loan rate, the difference the farmer **receives** is known as a marketing loan gain. This provides income support to farmers with less accumulation of...

...expected to rise enough to cover interest and storage costs, another option allows farmers to sell and **receive** a direct cash payment (loan deficiency payment), but precludes taking out a CCC loan. Given the premium  
...

...3 percent higher, respectively, compared with 10 and 8 percent higher a year earlier. Despite indications from **producers**, continued expansion of the swine herd later in 1999 looks less likely, with current slaughter rates for...1 were slightly higher than expected at 1,384 million pounds. Nevertheless, the 1998/99 beginning oil **inventory** is the smallest in 3 years. A large buildup of soybean oil stocks will be hampered by...

...crushing capacity is located, are nearly 50 percent higher than last year. Consequently, Brazilian imports from the **United States** under the drawback program will be minimal this year. Recent weather patterns in Brazil have been...

...area 1.5 percent to 12.8 million hectares. While weather in 1999 is not expected to **match** the superb conditions this year, 1999 yields are still expected to be among the best ever. Brazil...

...1997/98 to 2.3 million. The plethora of soybean meal supplies from South America and the **United States** has narrowed margins for crushers around the world, including the European Union. For 1998/99, EU...

...99. Philippine 1997/98 exports of coconut oil were revised upward based on updated trade data. Philippine **producers** have gained at the expense of Indonesian exporters of palm kernel oil and coconut oil, who have been deterred by imposition of export taxes. The supply of copra to Indonesian coconut oil **producers** has dwindled as more copra (which is not subject to an export tax) has been exported. However...next January. Canada will also export growing volumes of rapeseed, rapeseed meal, and rapeseed oil to the **United States**, filling a gap left by a smaller supplies of cottonseed and cottonseed products. The next release...

...00 p.m. ET Monday December 14, 1998. This report is also available electronically at the ERS **website** <http://www.econ.ag.gov> CONTACT: Mark Ash Soybeans, minor oilseeds, oils Tel: +1 202 694-5289 e-mail...

21/3,K/15 (Item 3 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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03962458 Supplier Number: 50341463 (USE FORMAT 7 FOR FULLTEXT)  
**PRODUCT BRIEFS: FDA okays 1/3-size cochlear implant**  
The BBI Newsletter, v21, n8, pN/A  
August 1, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2356

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...as simple as wearing a hearing aid." West noted also the particular advantages for those who **receive** the device at an early age. "We know from years of **research** that the earlier children are implanted, the more likely they are to develop speech and hearing at...

...design and larger electrode surface for rapid tissue removal and enhanced coagulation. \* Biolase (San Clemente, California) has **received** FDA 510(k) clearance to begin marketing of the Skin-Laser System, recently acquired from Laser Skin...

...which includes the company's DermaLase, HydroKinetic System and Lazer ToothBrush products. \* Bio-Plexus (Vernon, Connecticut) has **received** a **patent** for its Drop-It needle holder, designed for one-handed disposal of blood-collection needles by health...

...releases the needle when used with the Drop-It Needle Disposal Container. \* Cardiac Science (Irvine, California) has **received** ISO 9002 certification and has met the European Union's Medical Devices Directive (MDD) requirements for...

...delivering defibrillation shock without human intervention should a patient suffer cardiac arrest. \* Cardima (Fremont, California) has **received** FDA approval for its Vueport balloon occlusion guiding catheter, a balloon catheter with a compliant bal...

...to inject radiopaque dye which shows the vasculature of the heart during X-ray. Additionally, the company **received** 510(k) clearance for its minimally invasive Pathfinder Mini microcatheter for diagnosing ventricular tachycardia, a condition...

...heart chambers. \* Computer Motion (Santa Barbara, California), a developer of robotic and computerized surgical systems, has **received** FDA approval to market its voice-controlled laparoscopic insufflator, a device used to create operating space necessary...mark for both valves will be used to support FDA applications for approval. \* Endocare (Irvine, California) has **received** FDA approval of its investigational device exemption application to initiate human clinical studies of the Horizon...

...of bladder outlet obstructions in those suffering benign prostatic hyperplasia. Made of nitinol, the device features shape **memory** designed for quick and easy introduction and removal through a minimally invasive procedure. After placement, the device...

...begin by the end of summer. \* Equidyne Systems, a subsidiary of American Electromedics (San Diego, California), has **received** two U.S. **patents** for its Injex needle-free medication injection technology. The system delivers medication painlessly through the skin without...

...including insulin, vaccines, anesthetics, inoculates, protein-based recombinants and other drugs. The Injex system has **received** FDA 510(k) marketing clearance. \* FemRx (Sunnyvale, California) has **received** FDA 510(k) clearance from the FDA to market its Mae-stro Fluid Management System, which integrates with...

...allow surgeons to choose a desired intra-uterine pressure to ensure a clear surgical field. \* Hygeia Biomedical **Research** (HBR; Monsey, New York) has developed a prototype of the LOM 33 and LOM 34 labor monitors...

...premature labor. Both devices are designed for use with HBR's proprietary electrode interfaces. The company has **received** U.S. and international **patents** covering the technology underlying the LOM and related products. \* Iomed (Salt Lake City, Utah) has released its...

...area of the skin prior to painful local procedures. \* Johnson & Johnson Medical (J&JM; Tampa, Florida) has **received** FDA clearance to market the Protectiv Acuvance I.V. Safety Catheter that reduces the risk of accidental ...

...developed by Bio-Plexus (Vernon, Connecticut), in conjunction with J&JM. \* MD Systems (Westerville, Ohio) has **received** FDA clearance to market its CardioGrip device, a hand-held exercise instrument offering an alternative to drug...

...specific indications, including a pilot study at the Cleveland Clinic. \* Micro Therapeutics (San Clemente, California) has **received** FDA approval to market its Easy Rider micro-catheter for neurovascular applications. The instrument is used over...

...The device also has been approved for sale in Australia. \* North American Scientific (North Hollywood, California) has **received** FDA approval to market its Palladium-103, a brachytherapy source for treating prostate cancer and other malignancies...

...results were released at the recent International Society of Minimally Invasive Cardiac Surgery meeting in Minneapolis. **Researchers** found "no differences in image quality" and that the portable system maintained higher sensitivity "for detecting a...

...marketer of fluoroscopic imaging systems for intraoperative applications. \* Paradigm Medical Industries (Salt Lake City, Utah) has **received** FDA approval for its QuietTip and PhacoPak cataract surgery products. The devices are sold as accessories to...

...proprietary breast tumor X-ray trial in that country. \* Point of Care Technologies (Rockville, Maryland) has **received** FDA 510(k) clearance to market its Genie Cup six-drug panel which tests for ...transportation or storage. The company said it will begin shipments immediately. \* Radionics Software Applications (Burlington, Massachusetts) has **received** FDA 510(k) clearance to market the Universal Instrument **Registration** and Microscope **modules** of its Optical Tracking System used for image-guided surgical procedures. The Optical Tracking System provides a...

...is then displayed in numerous interactive 2-D and 3-D views. The company said it has **received** 11 FDA clearances for products since June of last year. \* Rhythm Technologies (Jacksonville, Florida) has released in...

...the delivery of internal cardioversion and defibrillation therapy for treating atrial and ventricular tachyarrhythmias. Additionally the company **received** investigational device exemption approval from the FDA for a 10-center clinical trial of the device. To...

...needle process can be carried out under local anesthesia without pre-medication. \* Somnus Medical (Sunnyvale, California) has **received** six additional U.S. **patents** related to its Somnoplasty system, covering methods and devices for treating obstructions that block a person's upper airway and result in habitual snoring and chronic nasal obstruction. The new **patents** add to 12 **patents** already held by Somnus, which said it has 36 other **patents** pending on its technology. \* SpectraScience (Minneapolis, Minnesota) has **received** a U.S. **patent** for its Optical Biopsy Forcep, a part of the company's Optical Biopsy Systems. The device is...

21/3,K/16 (Item 4 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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03898474 Supplier Number: 50064556 (USE FORMAT 7 FOR FULLTEXT)  
-SUN MICROSYSTEMS: Sun and Intel pave the way for rapid delivery for  
Solaris on Intel architecture  
M2 Presswire, pN/A  
June 10, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 737

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...IA-64 processors. Additionally, Sun recently kicked off its worldwide software technology days, designed to foster the **acceptance** of Solaris on IA. The recent technology day in Tokyo, attended by more than 400 **developers**, was co-sponsored by Sun and Intel Japan, NCR Japan and Fujitsu. "The market is consolidating around Solaris and we are concentrating on programs that support the growing base of **manufacturers** developing systems that support Solaris applications on the Intel platform, including NCR, Fujitsu and Siemens-Nixdorf," said...

...for the Intel platform that is backed by a dedicated organization and focused programs including The SunSM **Developer ConnectionSM**, technical support, specialized **developer** kits, porting guides and, now, advanced resources through the jointly-sponsored competency centers." Competency Centers Support ISV...

...that will enable ISVs to develop and optimize Solaris applications for the Intel platform. Through the centers, **developers** will have remote and on-site access to systems with the Solaris environment as well as early...

...on modifications and prototyping and tuning feedback, including best practices and recommendations. "More and more enterprise and **Internet** ISVs are realizing the volume and price/performance benefits of uniting Solaris with Intel Architecture," said Mike...

...efforts such as Sun's new competency centers, Intel and Sun are providing a great resource to **developers** who want to continually achieve optimal solutions for their customers." Sun Software Technology Days Expected to **attract** thousands of **developers**, Sun Software Technology Days showcase Sun's software technologies and products for wide-ranging **developer** audiences and strengthen the Sun **developer** community worldwide. The one-day events feature Sun technology evangelists and product managers showcasing Sun's tools and technology offerings to **developers**. The European technology days, sponsored solely by Siemens-Nixdorf (SNI), get underway in London on June 23...

...the world," said Brian Gentile, vice president of market development at Sun Microsystems. "We want to give **developers** worldwide the knowledge and tools necessary to begin building applications that are optimized on Solaris on the Intel platform. Intel Corporation Intel, the world's largest chip **maker**, is also a leading **manufacturer** of personal **computer**, **networking** and communications products. Additional information is available at [www.intel.com/pressroom](http://www.intel.com/pressroom) About Sun Microsystems Since its inception in 1982, a singular vision, "The Network Is..."

...high quality hardware, software and services for establishing enterprise-wide intranets and expanding the power of the **Internet**. With more than \$9 billion in annual revenues, Sun can be found in more than 150 countries and on the **World Wide Web** at <http://www.sun.com>. Sun, Sun Microsystems, the Sun logo, Solaris, The Network is the Computer and Sun **Developer Connection** are trademarks or registered trademarks of Sun Microsystems, Inc. in the **United States** and other countries. UNIX is a registered trademark in the **United States** and other countries, exclusively **licensed** through X/OPEN Company, Ltd. \*M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA ...

21/3,K/17 (Item 5 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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03877484 Supplier Number: 48467681 (USE FORMAT 7 FOR FULLTEXT)  
-MICROSOFT: MS works with key industry players to enable rapid development of interactive programming

M2 Presswire, pN/A

May 5, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 968

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...to create a richer, more dynamic experience for viewers. This can be as simple as creating a **link** between a TV show and a related **Web site**, or as rich as creating a program with both a television and **Internet** experience integrated into one program for the consumer. This capability will not only provide consumers with a richer experience but may help **producers** to better **attract** and retain viewers. Content Interactive programming will benefit broadcasters, **producers** and advertisers by differentiating their programs and brands and helping to rebuild and retain audience viewership. **Producers** can use this to combine the broad reach of traditional television with the personalization of the Web across a wide variety of program genres. Viewers in turn **receive** targeted on-demand information, interactive feedback loops and communication, online transactions and a variety of other services...

...by providing on-screen information, detailed plans, instructions and recipes); NBC Interactive, which operates NBC.com ([http:// www .NBC.com/](http://www.NBC.com/)), the network's primary site on the **World Wide Web**, launched in August 1995 as the first full-scale Web offering from a major television network and...

...with operations in newspaper and magazine publishing, broadcast and cable television, and other video enterprises. Tools Tool **makers** are providing solutions that allow television production professionals to begin creating interactive content today. This technology includes...

...ability to combine data (text, graphics, scripts, etc.) with the actual broadcast signal. This will allow multimedia **developers**, Web **developers** and broadcast **producers** to publish dynamic, compelling programs and help make interactive television programs mainstream. Tool **makers** working in this space include Avid Technology Inc., a Massachusetts-based company that recently demonstrated technology to...

...to Avid's Media Composer digital editing system; Toronto, Canada-based Digital Renaissance, whose T.A.G. **authoring** technology allows **producers** to create relationships between programs and Web assets, including **linking** end users to interactive Web content during a program; MEDIAstra, a San Diego-based company that develops...

...and software solutions for encoding interactive TV components to live broadcasts or tape and is a leading **Internet** design agency and content provider, developing advanced online support for interactive TV programming; and Softimage Inc., a...

...film, broadcast and interactive games. Measurement Consumer behavior and usage measurement companies provide a service to program **producers** by helping them understand how consumers are using the new enhancements and interactivity. Measuring new media behavior...

...New York-based company that measures real-time, actual usage of the entire digital universe, including the **World Wide Web**, proprietary online services, computer software, hardware and other new interactive applications; and Nielsen Media **Research**, a New York-based company that provides television audience information services, competitive advertising intelligence services and **Internet** usage information. About Microsoft Founded in 1975, Microsoft (Nasdaq "MSFT") is the worldwide leader in software for...

...computing every day. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corp. in the **United States** and/or other countries. Other product and company names herein may be trademarks

of their respective...

21/3,K/18 (Item 6 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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03185150 Supplier Number: 46523652 (USE FORMAT 7 FOR FULLTEXT)  
**JOURNOS ON THE INTERNET - NETMEDIA REPORT (DAY 2)**  
Telecomworldwire, pN/A  
July 5, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1119

... data services through a multimedia satellite delivery platform and how it could change the information superhighway. With **Internet** surfers spending most of their online time waiting -- especially on the busier, more popular sites -- the current mode of making information available on the **Internet** for reading can be a time consuming business. More advanced delivery mechanisms will help make inroads to...

...speed delivery of information to the user -- with in-built conditional access equipment and encryption protecting the **intellectual property** rights of the **copyright** owner and provide a revenue-stream, perhaps through micro-billing. "There is a killer application for the...

...involve the use of low-earth orbiting satellite systems which will be able to deliver content and **accept** requests through a high-speed back channel. With a single digital satellite transponder having the ability to ...

...a continuous stream of material to be sent with the user selecting what they would like to **receive** out of the information broadcast. With a daily newspaper taking seconds to deliver by the high-speed...

...of new players in the marketplace. Howard Gordon, president of Xing Technologies, gave thought to how the **Internet** and new broadcast technologies could work together now and in the future. Over the past year since Xing began its own **Internet** -based video broadcasts, the amount of video content being made available has significantly increased. Xing is involved...

...various clients on an ad hoc and long-term basis -- in fact over 10,000 hours of **Internet** video is said to be available today for download. Gordon acknowledged that there are still some issues...

...find it ontrusive and note that it still attempts to slow down their existing, already over-loaded **Internet** cnnection. Rindy Bradshaw of Ogilvy & Mather an international advertising agency -- noted that not every traditional advertiser is yet embracing the advertising potential of the **Internet** , for whatever their motive. Many agencies are forgetting that with the new media the advertising agency still...

...Many companies, however, manage not be intrusive and thus have a very good working advertising model which **attracts** viewers. **Developers** should also take care to ensure that the message being put over on an **Internet WWW** site should **match** that which is being promoted in the more traditional media areas. It is important to have this cohesive format without the encumbererences of a traditional corporate structure to make the best possible **Internet** operation. Robert Hamilton, online manager at Federal Express, said that FedEx has been an active marketer in cyberspace for some time, using the advantages of the **Internet** to allow it be used for business. Some of the business opportunities for FedEx are worldwide service...

...software which lets the shipping party generate their own waybills and

other required documentation. FedEx views the **Internet** 's operation as a merging between marketing and operating, allowing the **WWW** site to let customers conduct their business while they can learn about new product services and offerings...interactive marketing. Apparently 222% of all US adults over 16 are presently online, claims new Yankelovich Partners **research** , noting a 50% YOY rise in takeup with no signs of things slowing down in the future...

21/3,K/19 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

03286160 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Follow the yellow brick road: Using diffusion of innovations theory to enrich virtual organizations in cyberspace**  
Adams, Tyrone L  
Southern Communication Journal (ISCJ), v62 n2, p133-148, p.16  
Winter 1997  
ISSN: 1041-794X JOURNAL CODE: ISCJ  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 9217

TEXT:

... SSCA-Web, under this exploding model of communication, support ideas, notions, or calls to action that cut **patently** against the grains of **accepted** norms or the conventions of law? As a communication scholar, and devout believer in the most liberal...

...s no concern. As a result, any future SSCA-sponsored listservs are freed of this matter. Yet, **homepages** are, from both a public relations and a legal perspective, truly representative "of" the organization. Therefore, all...

...Association. With some regret, the role of the change agent in the formal VO necessarily transforms from **innovator** to facilitator, to maintainer, to censor. The Associational mechanism proposed to manage potentially debilitating individual expressions in...

...first, freedom of speech is a privilege more than a right. Yet, that does not bar any **author** the freedom of creating explicitly marked **links** on that Associational space, for example, to Playboy or Playgirl online. Each community must define the desirability systemic diffusion of the **innovation** , and (2) micromanage free speech issues in the Association's name. Still, the change agent must seek...

...their presence. This casestudy, while examining the SSCA-Web, offers some externally generalizable considerations for those cyberspatial **developers** **interested** in employing the change agent archetype to enrich their VO. Reminding the reader, once again, that Rogers...

21/3,K/20 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06642835 Supplier Number: 55777962 (USE FORMAT 7 FOR FULLTEXT)  
**Getting To Know You; Take note: customer-centric companies have to care about who did not respond or buy every bit as much as who did and this, in turn, means an end to campaign-based marketing and the adoption of a new, event-driven approach.**

Reed, David  
Precision Marketing, p17(1)  
Sept 20, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2329



... their propensity to continue a relationship," is how managing director, Clive Ashborn, explains the model. Using a **research** sample and a questionnaire, modelled onto the customer database, both diagnostic and predictive measures can be taken...

...priorities for activity. What differentiates the Index from similar methodologies being used elsewhere is the use of **research** techniques to identify which buttons marketers should be looking to push. "That comes from an issues search..."

...made in this area. New tools are enabling this, some of which virtually automate the process. An **interesting** feature of Contact **Planner** 2.0, Berry Consulting's analytical software package, is that it compares a campaign-driven approach with...

...bring about cultural change remains to be seen. There are still many direct marketers who do not **accept** that loyalty is anything other than behavioural, so the only valid measures are sales. Yet a more...

...not to all of them - a customer could be loyal to more than one competing supplier. "The **authors** see loyalty as a composite state in which any one of the individual states they identify might..."

...in different degrees and that people vary in their susceptibility to efforts to change it. As the **authors** write: "Some people need to experience another company to understand what is good customer service from the..."

...the strongest driver of loyalty, historically. If anything is likely to blow that apart, it is the **Internet**. Information gathering and competitor comparisons are suddenly virtually effortless, as is purchasing or moving your business. And in this new media, new metrics are also critical. EDS has just **introduced** a tool which is aimed directly at the new relationship management needs of business in the context of the **Internet**. Its Consumer Focus Group has developed a **research** technique called RelDex. It offers clients a scoring system for their **Web sites** using seven key categories - including design, personalisation, interaction, capacity to provide electronic commerce, quality of content, and...

...This helps to ensure that RelDex is a dynamic measure, which the speed of change on the **Internet** requires. What might make the concept frightening for users is that their scores should go down each...

...so standing still is not an option. The process is specifically intended for companies who are using **Web sites** to build customer relationships, encouraging customers to return frequently. While EDS publishes a Top 10 based on...

Set	Items	Description
S1	208	(REGISTRATION OR IDENTIFYING OR ENROLLMENT OR SIGNING() (UP OR IN)) (3N)MODULE?
S2	747034	ACCEPT? OR ADMIT? OR RECEIVE? OR TAKE?()IN
S3	751485	STORE? ? OR STORING OR SAVE OR SAVING OR KEEP? ? OR KEEPING OR MEMORY OR CACHE? OR INNOVATION() (DATABASE OR DATA()BASE)
S4	5258846	INNOVATOR? OR INVENTOR?OR INITIATOR? OR DISCOVERER? OR ORIGINATOR? OR DEVISER? OR WRITER? OR AUTHOR?
S5	1748507	INNOVATION? OR RESEARCH? OR INTELLECTUAL()PROPERT? OR PATENT? OR CERTIFICAT(2W)INVENTION? OR LICENS? OR EXCLUSIVE() (RIGHT? OR TITLE?) OR COPYRIGHT? OR COPY() (RIGHT? OR PROTECT?) OR DIGITAL()RIGHT?() PROTECTION OR TRADE()SECRET?
S6	3033381	MATCH? OR INTRODUCE? OR LINK? OR UNITE? OR CONNECT? OR ASSOCIATE?
S7	263834	DEVELOPER? OR PLANNER? OR PRODUCER? OR MAKER? OR MANUFACTURER?
S8	342769	CONNECTED()NETWORK? OR INTERNET? OR COMPUTER()NETWORK? OR WWW OR W()W()W OR WORLDWIDE()WEB OR WORLD()WIDE()WEB OR WEB()-(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S9	681951	ATTRACT? OR INTEREST? OR APPEAL? OR INVIT?
S10	0	S1 AND S2 AND S3 AND (S4 OR S5)
S11	1	S1 AND S2 AND (S4 OR S5)
S12	20789	(S4 OR S5) AND S6 AND S7
S13	2454	S7 (3N) S9
S14	256	S12 AND S13
S15	11479	S4 AND S6 AND S7
S16	2058	S15 AND S5
S17	0	S16 AND S1
S18	168	S16 AND S2
S19	4	S18 AND S8
S20	168	S18 AND S2
S21	2	S13 AND S20
S22	34	S13 AND S16
S23	39	S11 OR S19 OR S21 OR S22
S24	30	S23 NOT PY>1999
S25	30	S24 NOT PD>19991012
S26	27	RD (unique items)
File	8:EI	Compendex(R) 1970-2003/Feb W4 (c) 2003 Elsevier Eng. Info. Inc.
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File	202:	Info. Sci. & Tech. Abs. 1966-2003/Jan 13 (c) Information Today, Inc
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File	233:	Internet & Personal Comp. Abs. 1981-2003/Feb (c) 2003 Info. Today Inc.
File	94:	JICST-EPlus 1985-2003/Mar W1 (c)2003 Japan Science and Tech Corp(JST)
File	99:	Wilson Appl. Sci & Tech Abs 1983-2003/Jan (c) 2003 The HW Wilson Co.
File	95:	TEME-Technology & Management 1989-2003/Feb W3 (c) 2003 FIZ TECHNIK

26/5/1 (Item 1 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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05310256 E.I. No: EIP99074711778

**Title: Transitions in thinking: Changing the mindsets of policy makers about innovation**

Author: Acha, Virginia; Balazs, Katalin  
Corporate Source: Univ of Sussex, Brighton, UK  
Source: Technovation v 19 n 6 1999. p 345-353  
Publication Year: 1999  
CODEN: TNVTDP ISSN: 0166-4972

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9908W3

**Abstract:** This article addresses the often overlooked S&T policy makers in the Central and Eastern European (CEE) economies and the challenges they face in transition. While still coming to grips with patterns and processes innovation under market conditions, policy makers are under pressure to resolve financial and organizational crises and to secure budgetary support. In this paper, we demonstrate how the socialist model of innovation is still shaping innovation policies in the CEE in general and with examples from individual countries. We outline three reasons for the persistence of the model: (1) that the model is embedded in these societies; (2) that the policy tools and targets associated with model remain unchallenged; and (3) that vested interests amongst policy makers and researchers encourage a continuation in policy focus. Finally, we consider how the persistence of the model may harm the long-term economic performance of the CEE and what can be done to change the mental models that underlie innovation policy making. (Author abstract) 34 Refs.

**Descriptors:** Technology transfer; Economic and social effects; Research and development management; Laws and legislation; Public policy; Process engineering; Risk management; Mathematical models

**Identifiers:** Innovation policy; Socialist innovation models

**Classification Codes:**

901.4 (Impact of Technology on Society); 911.2 (Industrial Economics);  
901.3 (Engineering Research); 912.2 (Management); 902.3 (Legal Aspects);  
913.1 (Production Engineering)  
901 (Engineering Profession); 911 (Industrial Economics); 912  
(Industrial Engineering & Management); 902 (Engineering Graphics &  
Standards); 913 (Production Planning & Control)  
90 (GENERAL ENGINEERING); 91 (ENGINEERING MANAGEMENT)

26/5/2 (Item 2 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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05078593 E.I. No: EIP98084311902

**Title: Device-independent color correction for multimedia applications using neural networks and abductive modeling approaches**

Author: Shastri, Vasant; Rabelo, Luis C.; Onjeyekwe, Egondur; Vila, Joaquin

Corporate Source: Ohio Univ, Athens, OH, USA  
Source: Expert Systems v 15 n 2 May 1998. p 110-118  
Publication Year: 1998  
CODEN: EXSYEX ISSN: 0266-4720

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9809W5

**Abstract:** Although color has appeal for developers and consumers alike, color reproduction poses a major problem in many computer based applications including multimedia and desktop publishing. The problem arises because of the device-independence of color, and the way each device processes color. Matching the appearance of monitor and print images, and achieving satisfactory results is complex. Not only are there fundamental

differences between computer screen (additive) and printers (subtractive), but subtractive color is in general more prone to errors due to dye inadequacies. In order to control the error in porting color, different techniques have been applied. In this paper, the utilization of artificial neural networks as well as abductive modeling approaches to color error reduction are **introduced** from an RGB (Red Green Blue) color model perspective. Analysis of the results and on-going **research** issues are discussed. ( **Author** abstract) 26 Refs.

Descriptors: \*Color computer graphics; Interactive computer systems; Neural networks; Desktop publishing; Error analysis; Color image processing  
Identifiers: Color correction; Abductive modeling

Classification Codes:

723.5 (Computer Applications); 722.4 (Digital Computers & Systems);  
723.4 (Artificial Intelligence); 903.2 (Information Dissemination); 921.6 (Numerical Methods); 741.1 (Light/Optics)  
723 (Computer Software); 722 (Computer Hardware); 903 (Information Science); 921 (Applied Mathematics); 741 (Optics & Optical Devices)  
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 92 (ENGINEERING MATHEMATICS); 74 (OPTICAL TECHNOLOGY)

26/5/3 (Item 3 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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04689027 E.I. No: EIP97053645672

**Title: Education and training of transportation engineers and planners vis-a-vis public involvement**

Author: Khisty, C.J.

Corporate Source: Illinois Inst of Technology, Chicago, IL, USA

Source: Transportation Research Record n 1552 Nov 1996. p 171-176

Publication Year: 1996

CODEN: TRREDM ISSN: 0361-1981

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9707W1

Abstract: Public involvement in transportation investment decision making is central to accomplishing the vision of the Intermodal Surface Transportation Efficiency Act of 1991. FHWA and FTA are striving to promote this objective in the face of several problems, some of which stem from the biased education and training of engineers and **planners**. The predominant emphasis of the majority of **planners** has been and continues to be on technical issues to the exclusion of communicative action and emancipatory **interest**, resulting in **planners** not being able to cope with the demands of participatory democracy. The basic concepts of communicative action that need to be incorporated in the education and training of engineers and **planners** to equip them to deal effectively with citizen participation are **introduced**. It is recommended that in the changed context in which transportation engineers and **planners** will have to operate, it is essential that they gain competency beyond just technical areas and be competent to cope with the social, economic, and political dimensions of planning by gaining an understanding of the rudiments of communicative action. A blend of all three rationalities and interests (technical, communicative, and emancipatory) will have to form part of the day-to-day vocabulary and knowledge base of future **planners** in view of the importance of public participation in the transportation planning process. An appropriate graduate course on this topic is outlined. ( **Author** abstract) 23 Refs.

Descriptors: Driver training; Driver **licensing**; Engineering education; Highway planning; Public policy; Engineers

Identifiers: Transportation engineers and **planners**; Public involvement

Classification Codes:

432.1 (Highway Transportation, General); 912.4 (Personnel); 901.2 (Education); 912.2 (Management); 901.4 (Impact of Technology on Society)  
432 (Highway Transportation); 912 (Industrial Engineering & Management); 901 (Engineering Profession)  
43 (TRANSPORTATION); 91 (ENGINEERING MANAGEMENT); 90 (GENERAL

ENGINEERING)

26/5/4 (Item 4 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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04355358 E.I. No: EIP96033064207

**Title: Rotating stall and surge control: a survey**

Author: de Jager, Bram

Corporate Source: Eindhoven Univ of Technology, Eindhoven, Neth

Conference Title: Proceedings of the 1995 34th IEEE Conference on Decision and Control. Part 2 (of 4)

Conference Location: New Orleans, LA, USA Conference Date: 19951213-19951215

Sponsor: IEEE

E.I. Conference No.: 44367

Source: Proceedings of the IEEE Conference on Decision and Control v 2 1995. IEEE, Piscataway, NJ, USA, 95CH3580-3. p 1857-1862

Publication Year: 1995

CODEN: PCDCDZ ISSN: 0191-2216

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9604W4

Abstract: The paper presents an analysis of the current state of the art in the control of aero- or hydrodynamic instabilities in turbomachines. It describes the flow phenomena associated with rotating stall and surge, discusses methods devised to prevent these instabilities to occur, but concentrates mainly on the active control (stabilization) of the unstable flows. It appears that lately significant progress has been made in this area. It seems to foster to a more mature state, although several problems deserve further consideration. The consequences of this state of the art for several interested parties, researchers, developers, manufacturers, and users, are stipulated. (Author abstract) 39 Refs.

Descriptors: \*Flow control; Surges (fluid); Aerodynamics; Hydrodynamics; Turbomachinery; Stability; Compressors; Turbomachine blades; Rotors; Pressure

Identifiers: Rotating stall; Flow stall; Flow stability; Axial compressors; Centrifugal compressors

Classification Codes:

631.1.1 (Liquid Dynamics)

731.3 (Specific Variables Control); 631.1 (Fluid Flow, General); 651.1 (Aerodynamics, General); 618.1 (Compressors); 601.2 (Machine Components)

731 (Automatic Control Principles); 631 (Fluid Flow & Hydrodynamics);

651 (Aerodynamics); 618 (Compressors & Pumps); 601 (Mechanical Design)

73 (CONTROL ENGINEERING); 63 (FLUID DYNAMICS & VACUUM TECHNOLOGY); 65 (AEROSPACE ENGINEERING); 61 (PLANT & POWER ENGINEERING); 60 (MECHANICAL ENGINEERING)

26/5/5 (Item 5 from file: 8)  
DIALOG(R) File 8: Ei Compendex(R)  
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04290326 E.I. No: EIP95112928897

**Title: Application of dispersion models in the environmental assessment process in the United Kingdom**

Author: Barrowcliffe, R.

Corporate Source: Environmental Resources Management, London, UK

Conference Title: Proceedings of the Workshop on Operational Short-range Atmospheric Dispersion Models for Environmental Impact Assessment in Europe

Conference Location: Mol, Belg Conference Date: 19941121-19941124

E.I. Conference No.: 43985

Source: International Journal of Environment and Pollution v 5 n 4-6 1995. p 486-496

Publication Year: 1995

CODEN: IJVLEN ISSN: 0957-4352

Language: English  
Document Type: JA; (Journal Article) Treatment: A; (Applications); T; (Theoretical)  
Journal Announcement: 9601W3  
Abstract: The UK planning process has traditionally been separated from the **licensing** process as far as industry is concerned. Implementation of the Environmental Assessment Directive (85/337/EEC) has therefore been the responsibility of **planners**, not pollution regulators. This is one of the reasons why there are no formalized procedures for using dispersion models in the environmental assessment process. In the absence of centralized guidance, practitioners of environmental assessment have largely turned to the models made available by the **United States Environmental Protection Agency (US EPA)**. These models have proved to be very useful and able to provide a service to **developers** at an **attractive** price. It is likely that they will continue to be used in environmental assessment for the time being, unless compelling new economic or regulatory factors emerge. (Author abstract) 3 Refs.  
Descriptors: \*Air pollution; Dispersions; Mathematical models; Atmospheric composition; Environmental impact  
Identifiers: Dispersion models; Environmental impact assessment  
Classification Codes:  
451.1 (Air Pollution Sources); 443.1 (Atmospheric Properties); 454.2 (Environmental Impact & Protection)  
451 (Air Pollution); 921 (Applied Mathematics); 443 (Meteorology); 454 (Environmental Engineering)  
45 (POLLUTION & SANITARY ENGINEERING); 92 (ENGINEERING MATHEMATICS); 44 (WATER & WATERWORKS ENGINEERING)

26/5/6 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01532766 ORDER NO: AAD97-07258  
**THE IMPACT OF FEDERAL FUNDING ON PERSONNEL UNITS IN CALIFORNIA SCHOOL DISTRICTS: 1981-1990**  
Author: GRENNAN, CYNTHIA F.  
Degree: PH.D.  
Year: 1996  
Corporate Source/Institution: THE CLAREMONT GRADUATE SCHOOL (0047)  
Source: VOLUME 57/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4269. 252 PAGES  
Descriptors: EDUCATION, FINANCE ; EDUCATION, ADMINISTRATION  
Descriptor Codes: 0277; 0514

The economic efficiency of public organizations has long held the **interest** of scholars, policy- **makers** and the general public. It has been addressed from many perspectives, but recently, considerable attention has focused upon site-administrative and central office personnel distributions and the number of students served and teachers employed.

This correlational study of personnel distributions in large school districts attempted to rectify some of the deficiencies of earlier studies by following such progressions for a nine year period and by pointing to environmental factors as some reasons why such expansions occurred. It examined shifts and variations in the relative personnel distributions while noting important institutional changes that affected the staffing ratios of large California school districts. It also examined the relationship between representative government's need to document its legal-rational **authority** and the consequences of these practices for subordinate bureaucracies.

This study involved a statistical analysis of factors hypothesized in the literature and a fine-grained historical assessment of changes in public school institutional environments. It concerned itself with the ways in which school districts operated, while observing fluctuations in administrative personnel distributions.

Five major hypotheses were: (1) Changes in the amount of federal dollars having a stronger effect on various personnel units than changes in

state or local dollars; (2) Changes in federal dollars producing a proliferation of personnel units to support classroom instruction; (3) The number of classified units increasing to support the tracking of documentation for an audit trail; (4) Under conditions of growth, personnel units will increase more than in declining conditions; (5) Districts add more support personnel than teaching personnel when enrollments and dollars increase and administrative units remain constant.

The focus of this study was similar to that of other **researchers** who have studied the relationships between administrative expansionism and the environmental constraints of public bureaucracies. It differed in important ways: (1) By studying one state over an eight year period, it provided a time frame that witnessed increases and decreases in federal spending in California school districts; (2) By using a political and historical theoretical perspective, it showed that the expansion of bureaucracies was a consequence of social and historical factors **associated** with modern representative governments.

School districts were seen as middle range bureaucracies that were affected by those above them and by community groups they served. The demands of federal agencies were especially significant because they forced school districts to hire more administrative staff to service and search for federal funds.

26/5/7 (Item 2 from file: 35)  
DIALOG(R) File 35:Dissertation Abs Online  
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01499007 ORDER NO: AAD96-28427

**DEMOCRATIC PROCESS, MEDIATED MODELS AND THE RECONSTITUTION OF MEANING IN  
DEMOCRATIC ORGANIZATIONS: TRADE UNION COOPERATIVES IN SOUTH AFRICA (MINE  
WORKERS)**

Author: ADATO, MICHELLE

Degree: PH.D.

Year: 1996

Corporate Source/Institution: CORNELL UNIVERSITY (0058)

Source: VOLUME 57/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1868. 417 PAGES

Descriptors: SOCIOLOGY, INDUSTRIAL AND LABOR RELATIONS ; HISTORY,  
AFRICAN ; URBAN AND REGIONAL PLANNING

Descriptor Codes: 0629; 0331; 0999

Through a study of **producer** cooperatives started by South African trade unions in the 1980s, this dissertation is an effort to understand the course traveled in the construction of democratic organizations at the local level, and what these experiences say about the nature of democracy in general and in the South African context in particular. The unions' **interest** in **producer** cooperatives grew from their commitment to liberal democratic values, participatory democracy and worker control. The course these cooperatives took, however, was shaped by meanings coop workers gave to the concepts, practices and relationships **introduced** by these new organizations, derived from a repertoire of experience, identities and discourses constituted in the mines, factories, trade unions, villages and households from which they came. Meanings and practices **associated** with democracy and **authority** were brought from these contexts and reproduced, reinterpreted and reconstituted in the cooperatives. Drawing on notions of contingency, hegemony and meaning, this dissertation seeks to explain why things did not work out just as planned; why people do or do not embrace new forms of organization; or take their own path in making sense of the process.

This **research** involved two years of fieldwork, conducted from 1991-93. Semi-structured interviews and participant observation were the primary methods used, guided by interpretivist and critical **research** methodologies.

It is argued that "democracy" is not a set of procedures and institutions that organizations either conform to or do not. It is rather a continuously evolving process: a rocky, windy, sometimes hair-raising and--above all--educative journey that involves trying out ideas; exploring

iterative solutions to problems and dilemmas; finding adaptations that speak to local meanings, priorities and conditions; and learning through practice. In moving from one social context or organizational setting to another, democratic practices and concepts must be flexible in order to remain democratic. Though democratic process does not produce a map, it generates insights and lessons useful for other organizations setting out on their own course. These cooperatives thus provide a window into the challenges and rewards awaiting South Africa's people as they navigate through the process of building a new democratic society.

26/5/8 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01496628 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.  
**KRISEN, STRATEGISCHE OPTIONEN UND DEREN IMPLIKATIONEN IN DER GEGENWAERTIGEN ERDOELINDUSTRIESTRUKTUR MIT BESONDEREM AUGENMERK AUF OPEC**

Original Title: CRISES, POLICY OPTIONS AND THEIR STRATEGIC IMPLICATIONS  
IN THE CONTEMPORARY OIL INDUSTRY, WITH EMPHASIS ON OPEC (ENERGY POLICY)

Author: KONKWO, CAMILLUS EMENIKEAMAKA  
Degree: DR.  
Year: 1990  
Corporate Source/Institution: WIRTSCHAFTSUNIVERSITAET WIEN (AUSTRIA) (5811)  
Source: VOLUME 57/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 766. 167 PAGES  
Descriptors: ECONOMICS, GENERAL ; ENERGY  
Descriptor Codes: 0501; 0791

Although a lot of studies have been done on the oil industry, I believe that there are still enough **research** areas to occupy **authors** alive and unborn. Instead of adhering to the clinical nature of several analyses of issues on petroleum sources, I have devoted my efforts to the exposition of new facts on ways and means for a better administration of the industry. The main questions in this dissertation are, inter alia, those measures which both OPEC and importers should rethink and influence to evolve new and adequate structures of the petroleum industry for the benefit of all participants in the industry. One of the questions examined is to what extent oil is an important source of energy to the world community. The urgent need is also examined for a redefined economic order, and the rearrangement of the **interest** parity between **producers** and importers. In this part methods are also uncovered for more just and sustainable economic policies in the interest of all concerned in the oil industry. The focus of this dissertation is also on those factors which actually influence prices, supply and demand of oil. Further **research** areas in this exposition are the principal strategies which represent the central dynamics of this industry. Alongside the quota and the downstream strategy, the middle ground strategy which originates from me, is also **introduced** and explained in this chapter. The work closes with a thesis on cooperation as the best way of any policy behaviour.

26/5/9 (Item 4 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01420596 ORDER NO: AADAA-IC421370  
**COMPETITION AND STRATEGY IN THE PHARMACEUTICAL SECTOR**  
Original Title: CONCURRENTIE AND STRATEGIE IN DE GENEESMIDDELENSECTOR

Author: SNIER, HENDRIK  
Degree: DR.  
Year: 1995  
Corporate Source/Institution: ERASMUS UNIVERSITY OF ROTTERDAM (0735)  
Source: VOLUME 56/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.



Descriptors: BUSINESS ADMINISTRATION, GENERAL

Descriptor Codes: 0310

Language: DUTCH

ISBN: 90-5166-417-6

Publisher: EBURON, P.O. BOX 2867, 2601 CW DELFT, THE NETHERLANDS

The aim of this study is to investigate competition and strategy in the Dutch pharmaceutical sector. Therefore, this study **introduces** Porters Five Basic Forces model (1980, 1985) to analyze competition in three separate (but **connected**) industries in the pharmaceutical sector, namely the **producers** /importers, wholesalers and retailers (pharmacists). Furthermore, the study uses Kuypers' 'Policy with Multiple Actors' model (1976) in order to describe strategy at the level of interest groups, concentrating on the influences of **interest** groups of **producers** /importers of pharmaceuticals. The main hypothesis of this Ph.D. thesis is that interest groups play a central role in the Dutch pharmaceutical sector and their strategic influence should not only be seen as an indirect influence through the Five Basic Forces driving (the intensity of) competition, but also as a direct influence. It is postulated that one could speak of a Sixth Basic Force driving competition: the influence of interest groups.

The **research** aimed at an integrated analysis of competition and strategy in the Dutch pharmaceutical sector. The key Basic Force driving industry competition and strategy in the pharmaceutical sector proved to be the competitive force of Pressure or Threats of Substitutes. Since it was possible to identify a direct influence of interest groups on the intensity of competition in industries, with effects at the micro-level, i.e. direct consequences for the profitability of companies, it is possible to speak of a Sixth Basic Force driving competition: the influence of interest groups (including public **authorities**). The existence of a Sixth Force driving competition in the pharmaceutical sector is **connected** with the existing imperfect nature of the market for pharmaceuticals.

26/5/10 (Item 5 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01368890 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.

**PHYSICS RESEARCH IN MIDDLE-LEVEL COUNTRIES: A SCIENTOMETRIC ANALYSIS OF HIGH-TECH PHYSICS IN INDIA, AUSTRALIA, CANADA AND ISRAEL**

Author: SINGH, UDAI NARAYAN

Degree: PH.D.

Year: 1993

(1189)

Source: VOLUME 55/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 733.

Descriptors: HISTORY OF SCIENCE

Descriptor Codes: 0585

From the point of view of scientific productivity, as evidenced by publications in periodicals, nations of the world can be classified into three groups, viz. advanced, middle-level and peripheral. Not many countries have ongoing **research** programmes in sophisticated fields which call for a confluence of expertise in many fields. With a view to finding out how well middle-level scientific powers perform in high-tech **research** and how well such work gets assimilated into mainstream science performed in advanced countries, I have looked at the literature of superconductivity, liquid crystals, holography and lasers.

In this investigation I looked at the contributions made by four middle-level countries to the above-mentioned areas, as well as the impact they have had on subsequent **research** as seen from citations to them in the scientific literature. The analysis has helped me to identify growth trends, centres of **research** making contributions to these areas, journals used, areas of strength, prolific **authors**, flow of information both within the nation and with laboratories outside the country, the citation

impact of the work done by these countries in different areas, etc.

Efforts were also made to quantify contributions made from advanced and technologically strong countries, such as Japan and **United Kingdom**, to place the performance of the middle-level countries in perspective.

This study is based on publication and citation data. Unlike most citation analytic studies published in mainstream journals, this study uses publication data collected from a comprehensive database, viz. Physics Abstracts, and citation data obtained by scanning Science Citation Index. This combination has indeed proved to be a powerful means to investigate the scientific output of nations (in terms of their publications) and the citation impact of the output.

The results and conclusions drawn from this **research** are expected to add a new dimension to science studies (sociology of science, science communication), and be of direct **interest** to science policy **makers**.

The findings on India's performance in these four high-tech areas of physics are in agreement with the perceptions of leading Indian experts, strengthening the case of citation analysis. Used with caution and understanding, citation analysis can be used to characterise scientific **research** done not only in advanced countries, but also in middle-level countries.

26/5/11 (Item 6 from file: 35)  
DIALOG(R) File 35:Dissertation Abs Online  
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01333218 ORDER NO: AAD94-06320

PRODUCERS , EXPORTERS AND THE STATE COFFEE POLICY AND DEVELOPMENT IN  
**ECUADOR**

Author: HARLOWE, ELIZABETH BROOKE

Degree: PH.D.

Year: 1993

Corporate Source/Institution: UNIVERSITY OF PITTSBURGH (0178)

Source: VOLUME 54/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3577. 266 PAGES

Descriptors: POLITICAL SCIENCE, GENERAL; ECONOMICS, AGRICULTURAL

Descriptor Codes: 0615; 0503

This **research** seeks to examine the impact of state economic policies on development in the agricultural sector of Third World countries. Specifically, **research** centers on how government policies either promote, or in some cases retard, the growth of export agriculture, traditionally an important source of foreign earnings in the developing world. Centering on Ecuadoran coffee--an important cash crop but historically neglected by the state--the study focusses on why the government did not adopt and implement policies designed to improve the competitiveness of Ecuadoran coffee on the world market, particularly after 1982 when the government began to embrace export oriented macro-economic policies?

Following neo-classical economic theory, market forces created by the minimization of the state's role in the economy should have induced changes in the coffee sector to make Ecuadorean coffee more competitive on the world market. No such changes occurred and, it can be argued, the Ecuadoran coffee is less competitive on world markets than ever before. The **author** contends that the effectiveness of the neo-liberal strategy was limited by the imposition of market-oriented policies at the macro-economic level only, with little concern for structural reforms.

Reforms designed to improve coffee sector productivity were impeded by weak and contentious state agencies with fragmented decision making capacity. Moreover, the interest groups within the coffee sector, the **producers** and exporters, have been more concerned with short-term, particularized benefits than with long term reform plans. With little pressure by the most powerful coffee **interest** groups, state policy **makers** have been unable to implement effective changes in the coffee sector. Only the perception of emergency conditions, caused by the expiration of the International Coffee Agreement and the effective end of the quota system had brought the problems of the coffee sector to national attention.

From a theoretical standpoint, this analysis employs the "lenses" of the state/markets literature, particularly that body of work that examines the **linkages** between domestic political structures and international performance, as well as the literature on public policy and bureaucratic politics.

26/5/12 (Item 7 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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1010535 ORDER NO: AADD--80391  
**THE COORDINATION OF RURAL SETTLEMENT PLANNING AND WATER INFRASTRUCTURE PLANNING IN NORFOLK (ENGLAND)**  
Author: ALLERSTON, PAMELA  
Degree: PH.D  
Year: 1987  
Corporate Source/Institution: UNIVERSITY OF EAST ANGLIA (UNITED KINGDOM)  
(5013)  
Source: VOLUME 49/01-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 156. 652 PAGES  
Descriptors: URBAN AND REGIONAL PLANNING; POLITICAL SCIENCE, PUBLIC  
ADMINISTRATION  
Descriptor Codes: 0999; 0617

Available from UMI in association with The British Library. Requires signed TDF.

In England and Wales coordination of development planning and water planning is potentially complicated, because the two planning functions are executed by entirely separate **authorities**. Using a managerialist perspective, the coordination of rural settlement planning and water services infrastructure planning in Norfolk between 1974 and 1986 is examined. Attention is paid to coordinative activities during the formulation of the Norfolk Structure Plan and during Anglian Water **Authority** capital works programming. Then detailed case studies of inter-**authority** coordinative interactions focus upon selected settlements, Swaffham, Horsford/Taverham/Drayton and Downham Market, where coordination has involved significant problems.

Analysis of the coordinative efforts substantiates the hypothesis that coordination involves partisan mutual adjustment enmeshed in disjointed incrementalism, rather than central coordination or cooperative discussion. The analysis further indicates that partisan mutual adjustment **associated** with disjointed incrementalism occurs within a neo-elitist, not a pluralistic, power structure. This concentrates legal, financial and informational resources in the hands of the AWA, and enables the water **authority** to promote its own interests successfully, via overt decision making and some more covert, non-decision-making behaviours. The **research** also suggests that the AWA primarily espouses a financially-inspired, managerial or bureaucratic value orientation, and that the **Authority**'s attitude to both **producer** and consumer **interests** reflects the degree of congruence between the particular concern articulated and its own, managerial interests.

Water services considerations appreciably influence the location of rural settlement development in Norfolk. Moreover, inefficiencies in coordinating development planning and water services provision sometimes delay rural planning policy implementation, and may, exceptionally, constrain the prosecution of rural settlement planning objectives. Two legislative amendments, aimed at reducing the coordinative inefficiencies, are proposed. Firstly, RWAs should be empowered to charge **developers** the full costs of water infrastructure for new development. Secondly, in problem rural areas, Exchequer grant aid should underpin local **authority** powers to requisition water services.

26/5/13 (Item 8 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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754108 ORDER NO: AAD81-19844

**A TIME MANAGEMENT TRAINING MODULE FOR MINISTERIAL STUDENTS AT NORTHWEST COLLEGE OF THE ASSEMBLIES OF GOD**

Author: MING, JAMES MELVYN

Degree: D.MIN.

Year: 1981

Corporate Source/Institution: DREW UNIVERSITY (0064)

Source: VOLUME 42/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1199. 207 PAGES

Descriptors: RELIGION, CLERGY

Descriptor Codes: 0319

This professional project seeks to resolve two interrelated needs at Northwest College of the Assemblies of God. The first is the need for training in time management by ministerial students. The second is the need for this training to occur in a specific, systematic, measurable curriculum unit. This project seeks to enable those preparing for or already engaged in ministry to be more effective in the way they use their time.

The report reflects the three phases of the project's development: **research** involving the examination of both biblical and management resources, the development of the training module and evaluation.

The **research** phase begins with basic considerations on time and its management, relevant to any field, and moves to implications for those involved in the professional ministry. The **research** also identifies biblical insights in the areas of goals and objectives, planning, priorities and stewardship. The final area of **research** involves the identification of a process of effective time management. This process of effective time management constitutes the core of the training module content. This process was also found to be applicable to most fields of endeavor.

The development of the training **module** involved **identifying** several pertinent factors such as the institutional setting, instructional resources and constraints and the students receiving the instruction. An instructional design model was developed and utilized in the actual development of the seven session training module. This instructional design model was found to be readily transferable to other subject areas. One key to the success of the training module was the development of the instructional objectives which clearly identified what the learner would do as a result of the instructional process. Another key would be the extensive resource packets each student **received**. These resources are included in the appendices.

The evaluative process was built into the entire project. This process included evaluation by students, evaluation by peers and self evaluation of three components: first, the evaluation of the training module, second, the evaluation of the instructor's leadership in the training module, and third, the evaluation of the entire project. The evaluative process clearly reveals the success of the training module in helping ministerial students more effectively use their time.

26/5/14 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6247292 INSPEC Abstract Number: C1999-06-6110J-034

Title: Out of a bottle and into the network [Jini]

Author(s): Josifovska, S.

Journal: Electronic Product Design vol.20, no.4 p.43-4

Publisher: IML Techpress,

Publication Date: April 1999 Country of Publication: UK

CODEN: EPDEDB ISSN: 0263-1474

SICI: 0263-1474(199904)20:4L:43:BINJ;1-J

Material Identity Number: E302-1999-004

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: Jini is a new plug&play **connectivity** technology which enables a world of opportunities for consumer device **manufacturers**, traditional service providers and any **developer** or **researcher** interested in exploring the next age of universal network computing. The **author** explores further, explaining how Jini works and endorsing the technology.

(0 Refs)

Subfile: C

Descriptors: computer networks; Java; open systems; peripheral interfaces ; software engineering

Identifiers: Jini; plug&play **connectivity** technology; consumer device **manufacturers** ; service providers; universal network computing

Class Codes: C6110J (Object-oriented programming); C5610P (Peripheral interfaces); C6110B (Software engineering techniques); C5620 (Computer networks and techniques)

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26/5/15 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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5726642 INSPEC Abstract Number: B9712-6210C-006, C9712-7140-001

**Title: Telemedicine**

Author(s): Krol, M.

Author Affiliation: Mount Sinai Sch. of Med., New York, NY, USA

Journal: IEEE Potentials vol.16, no.4 p.29-31

Publisher: IEEE,

Publication Date: Oct.-Nov. 1997 Country of Publication: USA

CODEN: IEPTDF ISSN: 0278-6648

SICI: 0278-6648(199710/11)16:4L:29:T;1-N

Material Identity Number: G949-97005

U.S. Copyright Clearance Center Code: 0278-6648/97/\$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Telemedicine is a rapidly expanding area within medical informatics. Defined as using computer and communication technologies to provide medical expertise and services to distant locations, telemedicine dates back to the 1920s. Then radio **linked** public health physicians standing watch at shore stations to ships at sea with medical emergencies. Much later in the '70s, the large scale demonstrations involving the ATS-6 satellite projects took place; wherein, paramedics in remote Alaskan and Canadian villages were **linked** with hospitals in distant towns or cities. However, certain obstacles are preventing the widespread use of clinical telemedicine. One obstacle is the inability to develop technical systems that do three things well. One, the components operate predictably and smoothly together. Two, the systems work in different settings without extensive adaptation. Three, the systems are built from easily replaceable components. Technical systems also may be poorly adapted to the human infrastructure of health care. The systems do not fit the work environment, needs and preferences of clinicians, patients, and other decision **makers**. Based on the **author**'s personal experience, amongst the major obstacles preventing widespread use of telemedicine is management's concern for the security and the privacy of medical records sent over telecommunication networks. Thus, network security has become an area of active **research** and development. With secure and private exchange of medical information, there will be widespread **acceptance** of telemedicine in day-to-day practice. (11 Refs)

Subfile: B C

Descriptors: **computer** **network** management; data privacy; health care; medical computing

Identifiers: replaceable components; medical informatics; communication technologies; medical expertise; distant locations; radio **linked** public health physicians; ATS-6 satellite projects; clinical telemedicine; human infrastructure; health care; work environment; security; privacy; medical records; telecommunication networks; network security

Class Codes: B6210C (Network management); B6210L (Computer communications); C7140 (Medical administration); C7330 (Biology and medical computing);

C5620 (Computer networks and techniques); C6130S (Data security); C0230 (Economic, social and political aspects of computing); C0310D (Computer installation management)

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26/5/16 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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5419985 INSPEC Abstract Number: C9612-0200-017

**Title: R implies/implied by D, not R&D**

Author(s): Johnson, J.

Author Affiliation: UI Wizards, San Francisco, CA, USA

Journal: Communications of the ACM vol.39, no.9 p.32-4

Publisher: ACM,

Publication Date: Sept. 1996 Country of Publication: USA

CODEN: CACMA2 ISSN: 0001-0782

SICI: 0001-0782(199609)39:9L:32:RNR;1-8

Material Identity Number: C056-96010

U.S. Copyright Clearance Center Code: 0001-0782/96/0900\$3.50

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: Many people use the term R&D as if it were one word referring to one thing. It is not. It is two words, and refers to two very different things: **research** (=doing science) and development (=doing engineering), respectively. These problems are rampant in the industry. In fact, most companies that have R&D organizations have no idea what **research** is: few really do any R; most only do D. A more accurate and useful model does not distinguish between **research** and development primarily in terms of time-ranges. It recognizes the following factors: (1) **Research** can have an impact within time-spans usually reserved for development if **researchers** and **developers** are well **connected**. (2) **Research** can be highly applied in nature and valuable to the company even though it may not result in prototypes or other tangible artifacts. (3) **Research** and development require somewhat different skills and personalities, such that **researchers** and **developers** are not freely interchangeable for each other. (4) Pushing vs. pulling **research** is not a mutually exclusive choice: the **research** agenda can and should be set by a negotiation process that takes **researcher interest** and expertise, product **developer** need and company strategic goals into account. This article presents five cases of technology transfer from the **author**'s own experience. They show that **research** can be valuable without producing product prototypes, and need not take years to pay off. (0 Refs)

Subfile: C

Descriptors: DP industry; DP management; **research** and development management; technology transfer

Identifiers: R&D; **research** and development; science; engineering; time-ranges; applied **research**; skills; personalities; **research** agenda; negotiation process; **researcher interest**; **researcher** expertise; product **developer** need; company strategic goals; technology transfer; product prototypes

Class Codes: C0200 (General computer topics); C0310 (EDP management)

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26/5/17 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5327897 INSPEC Abstract Number: C9609-1290F-035

**Title: Carrier involvement in buyer-supplier strategic partnerships**

Author(s): Gentry, J.J.

Author Affiliation: Dept. of Marketing & Transp., Arkansas Univ., Fayetteville, AR, USA

Journal: International Journal of Physical Distribution & Logistics Management vol.26, no.3 p.14-25

Publisher: MCB University Press,  
Publication Date: 1996 Country of Publication: UK  
CODEN: IPDMEC ISSN: 0960-0035  
SICI: 0960-0035(1996)26:3L:14:CIBS;1-8  
Material Identity Number: N964-96009  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)

Abstract: Refers to the recent trend to utilize strategic alliances and partnerships for securing both goods and services. Additionally, the supply chain management concept is gaining more **acceptance** as a method of sustaining a competitive advantage in global markets. Although the literature explores strategic partnerships within both the buyer and supplier context and the shipper and logistics context, there has been little attempt to **link** these relationships in order to explore multi-firm interactions. The **author** examines existing buyer-supplier strategic partnerships and the role of carriers used to transport the particular items sourced within these partnerships through an in-depth case study methodology of firms engaged in identifiable three-party relationships. There are two primary objectives of this **research**: to assess the carriers' perceived importance and degree of participation within the buyer-supplier partnerships; and to explore further the relationship between strategic partnerships and supply chain management by presenting more detailed information from firms involved in three-way relationships of **interest** to carriers, **manufacturers** purchasers and academics. (10 Refs)

Subfile: C

Descriptors: goods distribution; stock control; transportation

Identifiers: carrier involvement; buyer-supplier strategic partnerships; strategic alliances; supply chain management concept; competitive advantage; global markets; shipper; logistics; multi-firm interactions

Class Codes: C1290F (Systems theory applications in industry); C1290H (Systems theory applications in transportation)

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26/5/18 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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5057256 INSPEC Abstract Number: C9511-0310F-025

Title: **Sociotelic support environments for software quality management**

Author(s): Lynch, G.

Author Affiliation: Dept. of Comput. Studies, Glasgow Caledonian Univ., UK

Conference Title: Software Quality Management III Part vol.1 p. 399-407 vol.1

Editor(s): Ross, M.; Brebbia, C.A.; Staples, G.; Stapleton, J.

Publisher: Comput. Mech. Publications, Southampton, UK

Publication Date: 1995 Country of Publication: UK 2 vol. 480+445 pp.

ISBN: 1 85312 309 9

Conference Title: Proceedings of Conference on Software Quality Management

Conference Sponsor: DNV Quality Assurance; Inst. Quality Assurance; Southampton Inst.; et al

Conference Date: 3-5 April 1995 Conference Location: Seville, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The paper discusses some social and teleological aspects of **research** and development in software quality management. The term 'sociotelic' simply signals concern with both the social and teleological (purpose-related) aspects of a situation. The paper begins with some introductory description of sociotelic support environments for software development i.e. development environments characterised by the use of computerised repositories which **associate** software with contextual data indicative of the social circumstances and purposes pertaining to their evolution. Reference is made to the **author**'s own Action **Research** into teleological information systems currently in progress at Glasgow

Caledonian University. It then proceeds to discussion of the facilitative role of sociotelic support environments in relation to two topics of current **interest** to software **developers**. The first of these, the use of ethnographic methods, is currently being developed as a means of taking software development thinking well beyond purely technical considerations. The second topic, Lehman's (1994) search for improved understanding of feedback mechanisms may be seen as an ambitious venture seeking to **introduce** a form of neo-classical cybernetic thinking to areas previously regarded as inhospitable to such an approach. (7 Refs)

Subfile: C

Descriptors: social aspects of automation; software development management; software quality

Identifiers: software quality management; sociotelic support environments ; teleological aspects; social aspects; **research** and development; software development; development environments; computerised repositories; contextual data; social circumstances; evolution; teleological information systems; ethnographic methods; feedback mechanisms; neo-classical cybernetic thinking

Class Codes: C0310F (Software development management); C6110B (Software engineering techniques); C0230 (Economic, social and political aspects of computing)

Copyright 1995, IEE

26/5/19 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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4616678 INSPEC Abstract Number: C9404-7230-003

**Title: Electronic publishing: baseline data 1993**

Author(s): Brock, L.

Author Affiliation: Brock Assoc., Denver, CO, USA

Journal: CD-ROM Professional vol.6, no.6 p.110-13

Publication Date: Nov. 1993 Country of Publication: USA

CODEN: CRPFEX ISSN: 1049-0833

U.S. Copyright Clearance Center Code: 1049-0833/93/\$2.00+0.20

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: With increased press coverage, much industry discussion and numerous conferences dedicated to the promises of the new media, it is surprising to find that little survey **research** is available about electronic publishing. To improve upon this lack of data, in fall 1992, two companies involved in **research** to these industries-the Survey Center of New Seabury, Massachusetts and Brock **Associates** of Denver, Colorado-decided it was time to gather opinions of multimedia **developers** and publishing industry leaders. The purpose of their **research** was to analyze and compare publisher and **developer** activities, levels of **interest**, as well as current and planned involved in electronic publishing. The **author** considers some key results. (0 Refs)

Subfile: C

Descriptors: DP industry; electronic publishing

Identifiers: electronic publishing; multimedia **developers**; publishing industry

Class Codes: C7230 (Publishing and reproduction)

26/5/20 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4440190 INSPEC Abstract Number: B9308-0120-016

**Title: The British system of engineering higher education: an example of a system undergoing innovation under pressure**

Author(s): Combey, P.

Journal: European Journal of Engineering Education vol.18, no.1 p. 51-64

Publication Date: 1993 Country of Publication: UK



CODEN: EJEED8 ISSN: 0304-3797

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The **author** presents a brief outline of the following topics: the main structural features of the system of engineering higher education (EHE) in Britain; problems arising in the system during recent years which have concerned policy- **makers** with **interests** in improving the system; **innovations** which have been **introduced** to tackle these problems; and the continuing challenges which appear likely to confront policy- **makers** and practitioners during the remainder of the 1990s. The aim of the paper is to provide European colleagues with enough insights into the British EHE system to stimulate creative reflection and discussion about the desirability and feasibility of absorbing British educational structures, strategies and tactics into their EHE systems, and the possible relevance of lessons learned in their systems for the further re-structuring of the British system. (20 Refs)

Subfile: B

Descriptors: education; engineering; teaching

Identifiers: UK; teaching; engineering; higher education; **innovations** ; educational structures

Class Codes: B0120 (Education and training)

26/5/21 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

04249532 INSPEC Abstract Number: C9211-7160-032

Title: **Plant efficiency and energy management-the perfect match**

Author(s): Slater, A.; Self, A.; Webb, W.; Heikal, M.

Author Affiliation: Brighton Polytech., Control & Dynamics Res. Unit, UK

Conference Title: Third International Conference on Factory 2000. Competitive Performance Through Advanced Technology (Conf. Publ. No.359) p.223-7

Publisher: IEE, London, UK

Publication Date: 1992 Country of Publication: UK xiv+331 pp.

ISBN: 0 85296 548 6

Conference Sponsor: IEE

Conference Date: 27-29 July 1992 Conference Location: York, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Energy represents fifteen percent of paper manufacture costs. In 1989 New Thames Mills, a major UK **producer** of photocopying paper **invited** Brighton Polytechnic Control and Dynamics **Research** Unit to undertake a number of energy related studies. The **authors** detail work carried out to ascertain the extent to which quality and process parameters affect steam consumption in the dryer section of the paper machine. A number of energy reduction strategies are also proposed and discussed. (4 Refs)

Subfile: C

Descriptors: manufacturing data processing; optimisation; paper industry; quality control

Identifiers: energy management; paper manufacture; New Thames Mills; major UK **producer** ; photocopying paper; energy related studies; process parameters; steam consumption; dryer section; paper machine; energy reduction strategies

Class Codes: C7160 (Manufacturing and industry); C3350J (Wood-processing, pulp and paper industries); C1180 (Optimisation techniques)

26/5/22 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

04087986 INSPEC Abstract Number: B9203-6150P-011

Title: **Models for planning capacity expansion in local access**

**telecommunication networks**

Author(s): Balakrishnan, A.; Magnanti, T.L.; Shulman, A.; Wong, R.T.

Author Affiliation: Sloan Sch. of Manage., MIT, Cambridge, MA, USA

Journal: Annals of Operations Research vol.33, no.1-4 p.239-84

Publication Date: Dec. 1991 Country of Publication: Switzerland

CODEN: AOREEV ISSN: 0254-5330

Conference Title: Topological Network Design: Analysis and Synthesis.  
NATO Advanced Research Workshop

Conference Date: 19-23 June 1989 Conference Location: Copenhagen,  
Denmark

Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)

Treatment: Bibliography (B); Economic aspects (E); General, Review (G);  
Practical (P); Theoretical (T)

Abstract: Presents an overview of the local telephone network environment, and discusses possible modeling approaches. In particular, the **authors** discuss the engineering characteristics of the network, and **introduce** terminology that is commonly used in the communications industry and literature; describe a general local access network planning model and framework, and motivate different possible modeling assumptions; summarize various existing planning models in the context of this framework; and describe some new modeling approaches. The discussion is directed both to **researchers** interested in modeling local telecommunications systems and to **planners interested** in using such models. The goal is to present relevant aspects of the engineering environment for local access telecommunication networks, and to discuss the relationship between engineering issues and the formulation of economic decision models. The **authors** indicate how changes in the underlying switching and transmission technology affect the modeling of the local telephone network. They also review various planning issues and discuss possible optimization approaches for treating them. (87 Refs)

Subfile: B

Descriptors: multi-access systems; network topology; optimisation;  
reviews; telecommunication traffic; telephone networks

Identifiers: network topology; capacity; expansion planning; switching technology; telecommunication networks; local telephone network; engineering characteristics; local access network; economic decision models; transmission technology; optimization

Class Codes: B6150P (Network design and planning); B6210D (Telephony);  
B0260 (Optimisation techniques); B0250 (Combinatorial mathematics)

26/5/23 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00439076 96WW10-117

**Liquid Reality check -- DimensionX, authoring -tools outfit of the moment, is riding high. But rapid growth and a fast-changing market present challenges of...**

Carl, Jeremy

WebWeek , October 21, 1996 , v2 n16 p56, 58, 2 Page(s)

ISSN: 1081-3071

Company Name: DimensionX; Microsoft

Product Name: Liquid Reality

Languages: English

Document Type: Feature Articles and News

Geographic Location: **United States**

Announces a **licensing** agreement between DimensionX and Microsoft Corp. which will enable Microsoft to utilize the key components of DimensionX's Liquid Reality technology. Explains that Liquid Reality is a three-dimensional, Java-based technology for building Java and VRML environments. Claims that Liquid Reality provides **developers** with the next generation of VRML technologies, and **admits** that the technology is highly innovative. Indicates that DimensionX's corporate focus is on content, though they are realizing a more important role as an **authoring tools developer** . Questions Microsoft's **interest** in Java, since it is

the competitor of their ActiveX technology. Also hints that DimensionX may eventually become the subject of a buyout attempt by Microsoft. Includes one photo. (kgh)

Descriptors: Web Tools; **Licensing** ; Java; VRML; Corporate Alliances  
; Programming Aids; ActiveX  
Identifiers: Liquid Reality; DimensionX; Microsoft

26/5/24 (Item 2 from file: 233)  
DIALOG(R) File 233:Internet & Personal Comp. Abs.  
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00384602 95CR05-108

**Microware scores strategic alliance**

Yamada, Ken

Computer Reseller News , May 8, 1995 , n629 p12, 1 Page(s)

ISSN: 0893-8377

Company Name: Microware Systems; General Instrument

Languages: English

Document Type: Feature Articles and News

Geographic Location: **United States**

Reports that Microware Systems Corp. **licensed** its David interactive TV operating system software to General Instrument Corp. Says Microware has been actively making alliances with other software companies in order to facilitate the use of **authoring** tools for developing David applications. Adds that the **licensing** agreement with General Instrument will help **attract** application **developers** to exploit the market opportunities of interactive TV. Also says General Instrument plans to offer two set-top box models, with one based on the PowerPC microprocessor. (dpm)

Descriptors: **Licensing** ; Interactive Video; Corporate Alliances;  
Business; News

Identifiers: Microware Systems; General Instrument

26/5/25 (Item 1 from file: 94)  
DIALOG(R) File 94:JICST-EPlus  
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03722707 JICST ACCESSION NUMBER: 98A0833722 FILE SEGMENT: JICST-E  
**Significance of Independent Power Producers in Japan's Energy Policy.**  
YAMADA TOMOHO (1)

(1) Minist. of Int. Trade and Ind., Agency of Nat. Resour. and Energy  
Nippon Enerugi Gakkaishi (Journal of the Japan Institute of Energy), 1998,  
VOL.77,NO.8, PAGE.769-774, TBL.5

JOURNAL NUMBER: F0217ABY ISSN NO: 0916-8753 CODEN: NENGE

UNIVERSAL DECIMAL CLASSIFICATION: 621.311

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: Independent power **producers** (IPPs) in Japan **attract** close attention after the recent revision of the Electric Utilities Law. The revision abolished the **licensing** of wholesale electricity supply and at the same time **introduced** the wholesale bidding system. The background of this change consists of the technical **innovation** and economical condition. The technical **innovation** is the development of efficient and economical small size power sources which utilize gas-turbine, fuel cell or co-generation system and the economical condition is the situation that requires more competition for inexpensive energy supply. The bidding of wholesale electricity supply which was solicited in FY 1996 and FY 1997 proved the existence of considerably large amount of potential IPPs which are inexpensive than the projects of electric utilities. This fact leads to the further expansion of bidding system, which is that all thermal power plant will be decided to develop through the competition of the bidding after FY 1999. On the other hand, to correspond to the global warming issue, the bidding system will be revised to **introduce** the evaluation of the

environmental impact which will be caused by the IPPs. It means a significant change of the philosophy of the present bidding system, which had established a principal value on the economical standpoint. To **introduce** furthermore completion into the electric industry, the liberalization of retail supply is under discussion now. Through this process, IPPs will get higher appreciation from the standpoint of more economically efficient electricity supply. ( **author** abst.)

DESCRIPTORS: energy policy; electric power facility; global environment; bidding; electric power circumstance; electric power demand; Japan; corporate environment; independency

BROADER DESCRIPTORS: policy; environment; energy demand; demand; East Asia; Asia; property

CLASSIFICATION CODE(S): NB01000X

26/5/26 (Item 2 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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03621574 JICST ACCESSION NUMBER: 98A0632443 FILE SEGMENT: JICST-E

**Safety Related Design of a Safety Light Curtain Safety Related Technology in Accordance with EU Machinery Directive.**

SAKAI YASUNOBU (1); TAKAHARA TAKAYOSHI (1); TAKEUCHI HISASHI (1)

(1) Omron Corp.

Omron Tech, 1998, VOL.38,NO.2, PAGE.207-214, FIG.11, TBL.1

JOURNAL NUMBER: S0266AAU ISSN NO: 0474-1315 CODEN: OMTKA

UNIVERSAL DECIMAL CLASSIFICATION: 658.382

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: With the enforcement of recent international and domestic safety regulations, the number of **manufacturers** showing an **interest** in the importance of safety has been increasing. OMRON has recently developed the F3S-A Safety Area Sensor. This model is used for the detection of the human body and complies with the EC Machinery Directive. Conventional safety area sensor models have several problems that need solution in order to comply with the EC Machinery Directive. These problems are related to operational fault detection, software that ensures safe in operation, and keen directional sensing characteristics. The F3S-A solved these problems with the employment of a variety of methods, such as FMEA, a dual channel system, dynamic signals, and the prevention of light reflection in the optical holder. Two or more conventional safety area sensors in operation cause mutual interference, thus decreasing the whole operational efficiency of the system, the prevention of which was another problem awaiting solution. The F3S-A succeeded in solving this problem by incorporating a coupling function that is far more powerful than the similar function of any other competitive model. The F3S-A passed a safety examination conducted by T1 Rheinland and obtained a **license** certifying that the F3S-A complies with the EC Machinery Directive. OMRON makes further efforts to develop sensor products while keeping the establishment and development of safety sensors in mind. ( **author** abst.)

DESCRIPTORS: sensor; safety design; international standard; object recognition; human(primates); **connectivity** ; projector(light); photodetector; fault detection; safety; computing control; safety equipment

BROADER DESCRIPTORS: instrumentation element; design; standard(specification); standard; pattern recognition; recognition; property; lighting fitting; utensil; lighting unit; facility; detector; optical measuring instrument; measuring instrument; optical instrument; detection; computer application; utilization; automatic control; control; equipment

CLASSIFICATION CODE(S): KB06000D

26/5/27 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2003 The HW Wilson Co. All rts. reserv.

2206304 H.W. WILSON RECORD NUMBER: BAST98006537

**UPFC application on the AEP system: planning considerations**

Rahman, Manzar; Ahmed, Mohammed; Gutman, Richard

IEEE Transactions on Power Systems v. 12 (Nov. 1997) p. 1695-701

DOCUMENT TYPE: Feature Article ISSN: 0885-8950 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The **writers** discuss the planning considerations for a **United** Power Flow Controller (UPFC) application in areas of the American Electric Power (AEP) system. The UPFC project was developed by the AEP, Electric Power **Research** Institute, and Westinghouse Electric Corporation. Information is provided on UPFC modeling for system studies and the technical parameters that would be of **interest** to transmission system **planners** and other prospective users of this new technology.

DESCRIPTORS: Electric power plants--Middle Western States; Unified power flow controllers;

Sdt	Items	Description
S1	8	REGISTRATION OR IDENTIFYING OR ENROLLMENT OR SIGNING() (UP OR IN) (3N)MODULE?
S2	5677	ACCEPT? OR ADMIT? OR RECEIVE? OR TAKE?()IN
S3	16219	STORE? ? OR STORING OR SAVE OR SAVING OR KEEP? ? OR KEEPING OR MEMORY OR CACHE? OR INNOVATION() (DATABASE OR DATA() BASE)
S4	6339	INNOVATOR? OR INVENTOR?OR INITIATOR? OR DISCOVERER? OR ORIGINATOR? OR DEVISER? OR WRITER? OR AUTHOR?
S5	11417	INNOVATION? OR RESEARCH? OR INTELLECTUAL() PROPERT? OR PATENT? OR CERTIFICAT(2W)INVENTION? OR LICENS? OR EXCLUSIVE() (RIGHT? OR TITLE?) OR COPYRIGHT? OR COPY() (RIGHT? OR PROTECT?) OR DIGITAL()RIGHT?() PROTECTION OR TRADE()SECRET?
S6	29180	MATCH? OR INTRODUCE? OR LINK? OR UNITE? OR CONNECT? OR ASSOCIATE?
S7	15433	DEVELOPER? OR PLANNER? OR PRODUCER? OR MAKER? OR MANUFACTURER?
S8	35347	CONNECTED()NETWORK? OR INTERNET? OR COMPUTER()NETWORK? OR - WWW OR W()W()W OR WORLDWIDE()WEB OR WORLD()WIDE()WEB OR WEB()-(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S9	7261	ATTRACT? OR INTEREST? OR APPEAL? OR INVIT?
S10	0	S1 AND S2 AND S3 AND (S4 OR S5)
S11	0	S1 AND S2 AND (S4 OR S5)
S12	758	(S4 OR S5) AND S6 AND S7
S13	186	S7 (3N) S9
S14	5	S12 AND S13
S15	333	S4 AND S6 AND S7
S16	32	S15 AND S5
S17	0	S16 AND S1
S18	3	S16 AND S2
S19	37	S14 OR S16 OR S18
S20	29	S19 NOT PY>1999
S21	29	S20 NOT PY>19991012

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jan  
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21/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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02385484 DOCUMENT TYPE: Company

**StatSoft Inc (385484)**  
2300 E 14th St  
Tulsa, OK 74104 United States  
TELEPHONE: (918) 749-1119  
FAX: (918) 749-2217  
HOMEPAGE: <http://www.statsoft.com>  
EMAIL: [info@statsoft.com](mailto:info@statsoft.com)

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation  
EQUITY TYPE: Private  
STATUS: Active

StatSoft was established in 1984 as a partnership of a group of university professors and scientists. Although the founders' interests were in different areas of quantitative data analysis, they had one thing in common: in order to analyze data from their own **research**, they each had to develop custom statistical procedures that were either not available on the market or available only in command-driven, inflexible, and tedious-to-use mainframe (or mainframe-like) programs. The company is now one of the largest **producers** of statistical and analytic graphics software in the world. It is a closely held corporation with headquarters in Tulsa, Oklahoma, and overseas subsidiaries in Germany, France, the United Kingdom, Italy, Poland, Taiwan/China, Korea, Portugal, Russia, Spain, Scandinavia, South Africa, Brazil, Netherlands, and Japan. Additionally, a large number of **authorized** distributors are active on all continents. The Windows version of StatSoft's major product line, STATISTICA, was released in 1993. It has **received** the highest rating in every comparative review since then.

SALES: NA

DATE FOUNDED: 1984  
PERSONNEL: Lewicki, Pawel, President; Noren, Win, Sales Manager; Gawlas, Julius, Product Development; Noren, Win, Technical Services

DESCRIPTORS: Statistics  
REVISION DATE: 19990809

21/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01663581 DOCUMENT TYPE: Product

**PRODUCT NAME: GeoTMS (663581)**

Des Lauriers & Associates Inc (622974)  
130 West St  
Walpole, MA 02081-1610 United States  
TELEPHONE: (508) 668-5010

RECORD TYPE: Directory

CONTACT: Sales Department

GeoTMS (Geographic Town Management Systems) is a modular municipal

management system that automates the administrative process of various departments within a municipality. Modules include Building, Electrical and Mechanical Permits, Board of Health, Conservation Commission, Historic Commission, **Licensing**, Building Code Enforcement, Planning Board and Zoning Board of Appeals. All modules feature: (1) permit tracking; (2) embedded GIS (ESRI **Authorized Developer**); (3) automatic check for outstanding taxes and fees; (4) a shared database with the ability to monitor interdepartmental tasks; (5) dated report printing; (6) embedded CAD and image viewers; (7) three levels of security; and (8) year 2000 compliance. Individual modules offer such features as: (1) a field inspection capability; (2) an instant abutters query using GIS mapping; (3) application and inspection tracking; (4) online access to current bylaws; (5) automatic hearing/deadline dates; and (6) generation of permits, certificates, letters, notifications and advertisements. While each module functions as a standalone program, the system was designed to run on a LAN in order for information to be shared across departments.

DESCRIPTORS: Geographical Information Systems; Municipal Management; Government; Urban Planning; Government Regulations; Mapping; Network Software; LANs

HARDWARE: IBM PC & Compatibles; Pentium  
OPERATING SYSTEM: Windows; Windows NT/2000  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Small and Mid-Sized Municipalities  
DATE OF RELEASE: 09/96  
PRICE: Available upon request  
NUMBER OF INSTALLATIONS: 40  
DOCUMENTATION AVAILABLE: User manuals  
TRAINING AVAILABLE: On-site training; training; technical support; telephone support; support contracts available  
OTHER REQUIREMENTS: 16MB RAM; 25MB disk space per module required; 32MB RAM recommended  
SERVICES AVAILABLE: Conversion; custom programming  
REVISION DATE: 981111

21/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01649503 DOCUMENT TYPE: Product

**PRODUCT NAME: Nursing Supply Model (649503)**

National Technical Information Service (NTIS) (604305)  
5285 Port Royal Rd  
Springfield, VA 22161 United States  
TELEPHONE: (703) 605-6000

RECORD TYPE: Directory

CONTACT: Sales Department

The Nursing Supply Model (SPLYMODL) from Human Services, Health Resources and Services Administration is a statistically based computer program to project the future population, supply and FTE supply of registered nurses (RN) in each of the 50 states and District of Columbia as well as the entire nation. The model also, has the capability of projecting RN population, supply and FTE supply for pre-defined 14 age groups, namely, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54, 55-59, 60-64, 65-69, 70-74, 75-79, 80-84 and 85+. The registered nurse population for the **United States** is defined as consisting of all those nurses who have a current **license** to practice as a registered nurse in the **United States** and who are employed in, or, if not employed, reside in the **United States**. A state's registered nurse population is defined as consisting of all those nurses who are employed in the state or, if not employed, reside



in the state and have a current **license** to practice as a registered nurse within any jurisdiction of the **United** States. All RN population projections are function of future supply of nursing graduates, interstate migration of RNs and loss or gain of RNs from the nursing population pool. The supply projections are a function of the availability of RNs for employment in nursing. The FTE supply projections were based on the relationship between scheduled working hours of full time versus part time employed RNs. The model package includes all materials necessary to the operation of computer based model and understanding of its analytical underpinnings. The operation of the model is straightforward. The user can alter a variety of input data for one or more states, if so desired. Those individuals or organizations including state **planners** who have an **interest** in determining the future supply (and demand) of nurses to evaluate the availability of RNs for providing health care services should have an interest in this package. The major benefit of this product is that all of the important analytical, statistical and data **associated** aspect of the model development and operation are offered to the users in one integrated product. The order number is PB97-503353INC.

DESCRIPTORS: Economic Analysis; Models; Health Care; Nursing; Forecasting; Government; Health Care Management; Patient Care

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: DOS; Windows  
PROGRAM LANGUAGES: FORTRAN  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Health Care, Government  
PRICE: \$112; \$224 - outside U.S., Canada and Mexico

OTHER REQUIREMENTS: 10MB RAM required  
REVISION DATE: 981019

21/5/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01086835 DOCUMENT TYPE: Product

**PRODUCT NAME: Bowstreet Content Management Automator (086835)**

Bowstreet Software Inc (667013)  
1 Harbour Pl  
Portsmouth, NH 03801 United States  
TELEPHONE: (603) 559-9100

RECORD TYPE: Directory

CONTACT: Sales Department

Bowstreet Software's Bowstreet Content Management Automator is an option of Bowstreet's Business Web Factory. With Bowstreet Content Management Automator, companies can leverage existing content and infrastructure in extending system usage, speeding data delivery, and streamlining content management. The system dynamically builds applications that assemble versioning, deployment, workflow, content creation elements, targeting real-time requirements of organizational users. Bowstreet Content Management Automator employs a **patented** parametric automation technology, which provides **developers** with optimized content management models. Also employing a wizard-based toolset, **developers** use models to define content contributor profiles. Bowstreet Content Management Automator's files then are assembled by Bowstreet Web Factory at run time. Bowstreet Content Management Automator consists of the Creation, Headline, Workflow, and Presentation modules. The Creation module constructs forms for content creation. The Headline module streamlines customized **link** creation and management. Bowstreet Content Management Automator's Presentation module handles content display. The Workflow module lets users view workflow items and customize processing.

DESCRIPTORS: Content Management; **Authoring** Systems; Electronic  
Publishing; Intranets; Web Site Design; Groupware

HARDWARE: Hardware Independent; Java  
OPERATING SYSTEM: Open Systems  
PROGRAM LANGUAGES: Java  
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation  
POTENTIAL USERS: Cross Industry  
PRICE: Available upon request

REVISION DATE: 020521

21/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01078338 DOCUMENT TYPE: Product

**PRODUCT NAME: FastTEST Professional 1.5 (078338)**

Assessment Systems Corp (616826)  
2233 University Ave #200  
St Paul, MN 55114-1629 United States  
TELEPHONE: (612) 647-9220

RECORD TYPE: Directory

CONTACT: Sales Department

Assessment Systems' FastTEST Professional 1.5 is an advanced computer testing system that offers conventional testing, branched testing, branched survey, and sequential testing features. FastTEST Professional 1.5 now supports adaptive testing and also offers a more reliable test builder. The FastTEST Professional 1.5 upgrade's test configuration program supports IRT-based adaptive testing, likelihood and Bayesian modal IRT scoring methods, and new test proctor options. The system's test administration program supports the recovery of incomplete tests. FastTEST Professional 1.5 allows **authors** to create computer-based tests that employ text and graphics items, multimedia **matching** items, and multimedia split-screen items. For multimedia text plus graphics tests, **developers** can employ a wide range of fonts, colors, languages, in-line graphics, pull-down reference graphics, and audiovisual elements. Multimedia **matching** tests offer **matching** lists that can contain up to 50 entries. Multimedia split-screen tests employ 'hot spot' capabilities. Split-screen formats are useful in reading comprehension testing, allowing learners to view reference material while answering questions. FastTEST Professional Test Creation module offers **developers** multiple test creation features. The system's Test Configuration module lets **developers** set test passwords, time limits, scoring methods, and other test elements.

DESCRIPTORS: Skill Testing; Test Scoring; **Authoring** Systems; Colleges &  
Universities; Schools; Social Science; Linear Programming; Survey  
**Research** ; Internet Marketing

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: Open Systems; Windows NT/2000; Windows  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation  
POTENTIAL USERS: Training, Teaching  
PRICE: \$995 - Professional Academic edition; \$1,495 - Professional  
Nonacademic; Internet demo available; 30-day money-back guarantee

DOCUMENTATION AVAILABLE: User manuals; online documentation  
SERVICES AVAILABLE: Warranty  
REVISION DATE: 020327

21/5/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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01055476 DOCUMENT TYPE: Product

PRODUCT NAME: iLok (055476)

PACE Anti-Piracy Inc (706001)  
PO Box 8298  
San Jose, CA 95155 United States  
TELEPHONE: (408) 979-9774

RECORD TYPE: Directory

CONTACT: Sales Department

iLok from PACE Anti-Piracy is an antipiracy tool for software **developers** and software publishers. The system includes a USB-attached device that can track **licensing authorization** from any number of software vendors. Users **receive** a small smart card that unlocks the device; each card unlocks a software product. iLok-protected software publishers can issue inexpensive smart cards to their clients, or can choose to **authorize** use via fax, Internet, or telephone **connections**. iLok's InterLok software supports both Windows and Macintosh systems.

DESCRIPTORS: Software Marketing; **Copyrights** ; Smart Cards; Legal

HARDWARE: Proprietary Hardware; IBM PC & Compatibles; Apple Macintosh  
OPERATING SYSTEM: Windows; Windows NT/2000; MacOS  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Developers, Software Marketing  
PRICE: Available upon request

REVISION DATE: 000000

21/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00117190 DOCUMENT TYPE: Review

PRODUCT NAMES: DVDirector PowerMac (760153)

TITLE: On Target: Astarte's DVDirector Premastering Software  
AUTHOR: Payne, Matt  
SOURCE: AV Video & Multimedia Producer, v21 n3 p172(4) Mar 1999  
ISSN: 1090-7459  
HOMEPAGE: <http://www.avvideo.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

Astarte's DVDirector Premastering Software, an economically priced and intuitive DVD-based product, is designed for presentation and title **developers**, videographers and video editors and **producers**, and animators. It runs on the PowerMacintosh and provides all the features required to make a title that meets the DVD specification. The specifications were created to make sure that DVD players and titles are compatible. Components of the basic package include DVDirector software; a hardware DVD playback card; and M.Pack, a set of software encoders and subtitle creation application. The professional version has all these components, plus Wired's MediaPress MPEG encoding hardware and Dolby's AC-3

encoding software. DVDirector uses straightforward palettes and dialog boxes for assembly of assets and **linking** of buttons and other items in the premastering process. A large amount of the work is done with pop-up menus and text commands. Users can work in one or two windows, and other palettes are available on demand; Project, Property Inspector, Menu Editor, and Graphical View menus are available. Premastering is easy and quick with these tools, and workflow is logical and convenient. If video streams are used in the project, Macrovision **copy protection** can be added using a pop-up menu.

PRICE: \$5400

COMPANY NAME: ASTARTE GmbH (621111)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: Apple Macintosh; **Authoring** Systems; DVD; Electronic  
Publishing; MacOS; Multimedia; PowerMac  
REVISION DATE: 20001130

21/5/8

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00115407 DOCUMENT TYPE: Review

PRODUCT NAMES: Yahoo! Store (717657); iCat Commerce Online (717665);  
iCat Commerce Online Lite (743917); Inex Commerce Court Professional  
(720917); Net.Commerce (627291)

TITLE: the abcs of e-commerce  
AUTHOR: Bennett, Steve  
SOURCE: Small Business Computing, v4 n3 p62(7) Mar 1999  
ISSN: 1529-5117  
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Yahoo!'s Yahoo! Store and iCat's iCat Commerce Online, two e-commerce site hosting services, and Inex's Inex Commerce Court Professional and IBM's Net.Commerce, two powerful e-commerce construction toolsets, are highlighted in a guide to tasks, components, and activities required to conduct business via the Web. Forrester **Research** predicts that global Internet commerce by the year 2003 will represent \$3.2 trillion in sales, nearly 5 percent of all sales globally. At the very least, an online vendor needs a billboard-type World Wide Web site that shows products and provides a fax or phone number for order placement. However, e-commerce can provide much more and can be a costly end-to-end solution that **links** all vendors in a supply chain. Three basic components are required for all e-commerce engines: a method of displaying goods or services for sale; a registration system; and a transaction and order processing method. Effective e-commerce sites often go further, and provide value-added services that make the most of digital processing. For instance, Myron Manufacturing, a supplier of printed pens, **planners**, and other advertising specialty goods, allows customers to browse a catalog and to custom-imprint items directly from the Web browser by providing the personalized message in the order. Implementors should plan up front for the site, then either build and host it in-house or hire a vendor such as iCat or Yahoo! Store to host the site.

COMPANY NAME: Yahoo! Inc (610909); iCat Corp (615862); Inex Corp  
(634425); IBM Corp (351245)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: **Authoring** Systems; Catalogs; E-Commerce; Electronic  
Publishing; Internet Marketing; Order Fulfillment; Small Business;  
Store Building; Web Site Design  
REVISION DATE: 20020630

21/5/9

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00114345 DOCUMENT TYPE: Review

PRODUCT NAMES: Domino 5 (622419); Enterprise Document Management System (505072); Integrated Knowledge Management (IKM) (739766)

TITLE: Three Companies That Will Define the KM Market

AUTHOR: Murray, Gerry

SOURCE: Group Computing Magazine, v3 n4 p28(3) Jan/Feb 1999

ISSN: 1521-1282

HOME PAGE: <http://www.groupcomputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

Lotus Development's Domino 5, Documentum's Enterprise Document Management System (EDMS), and PC DOCS/Fulcrum's Integrated Knowledge Management (IKM) are compared knowledge management (KM) products highlighted in a discussion of three vendors that will guide the future of the KM market. They are taking a savvy, pragmatic approach to building solutions that support required content from three sources: internal **authors**, proprietary external relationships, and the World Wide Web overall. They also provide enterprise solutions that support the three most used data formats: documents, data, and e-mail. Lotus and its parent IBM have a huge amount of available corporate assets that can support KM, including services, **research**, and marketing. Domino 5 is likely to put Lotus on the KM map, with many KM functions and a stable platform that customers can use to construct KM solutions. Domino should have the ability to **match** information, people, processes, and technology in many ways. Documentum recently purchased Relevance Technologies, a **developer** of tools that extract and process metadata from any system, and organizes content pointers in a browser. It can create virtual knowledge indexes in EDMS and in other structured and unstructured repositories. KM eases creation, sharing, and discovery of knowledge over an enterprise and can analyze document content to comprehend their content and to organize documents into an enterprise table of contents.

COMPANY NAME: Lotus Development Corp (254975); Documentum Inc (580392); Hummingbird Ltd (474967)

SPECIAL FEATURE: Charts

DESCRIPTORS: Document Management; Information Management; Intranets; Knowledge Management; Network Software; Notes/Domino; Software Marketing

REVISION DATE: 20010830

21/5/10

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00114052 DOCUMENT TYPE: Review

PRODUCT NAMES: MP3 (839914); Lycos (549827)

TITLE: Lycos Directory For MP3 Is Boost For Music Format

AUTHOR: Andrews, Whit

SOURCE: Internet World, v5 n5 p1(2) Feb 8, 1999

ISSN: 1097-8291

HOME PAGE: <http://www.iw.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Lycos has developed an MP3-only directory format that could increase the still embryonic audio format's influence and substantially reduce surfers' ability to 'take advantage of it.' Lycos' wooing of MP3 will **attract** both music **makers** and listeners to the format, just as Yahoo! drew site **developers** and surfers to the Web when the Internet was still divided up among multiple technologies, such as WAIS and gopher. Lycos reaches 45 percent of the Internet surfing audience through its networked sites, a rating that takes second place to the Yahoo! network. MP3 technology encodes music into very tiny files, so that one song fits in a file of between 3MB and 5MB, for replay on PCs or an expanding number of devices. Music industry moguls dislike MP3 because technologically savvy users can easily make MP3 files of music from standard recordings, then distribute them via the Internet, regardless of **copyright**. Diamond Multimedia's Rio player makes the files available for playback, independent of PCs. Lycos became aware that MP3 queries were rising very quickly in its search log and took the step to develop the MP3-only directory format. In order to avoid sending users to bogus MP3 files (ones that claim to be a particular known artist but are really relative unknowns looking for quick exposure), Lycos will **introduce** a directory with the search engines, and file **makers** can categorize themselves in the directory using such criteria as genre or geographical area.

COMPANY NAME: Vendor Independent (999999); Lycos Inc (611697)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Communications Standards; Internet Marketing; Internet Utilities; Music; Search Engines; Sound Processing  
REVISION DATE: 20020330

21/5/11  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00113245 DOCUMENT TYPE: Review

PRODUCT NAMES: NetObjects Fusion 4.0 Windows 9x & NT (632601)

TITLE: Fusion 4.0 opens for business  
AUTHOR: Dudrow, Andrea  
SOURCE: eMedia Weekly, v12 n45 p1(2) Dec 14, 1998  
ISSN: 0892-8118  
HOMEPAGE: <http://www.emediaweekly.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

NetObjects' Fusion 4.0, which operates with such Web application tools as Microsoft Active Server Pages, Allaire's Allaire Cold Fusion, and Lotus Development's Lotus Domino, has a Java-based component architecture. The upgrade announced supports Windows only, but the **developer** is considering support for Mac OS. Fusion 4.0 allows third-party **developers** to write plug-ins for the package, while the previous release permitted Web **authors** to **connect** Open Database **Connectivity** (ODBC)-compliant databases to nondynamic Web pages. NetObjects, says a **research** manager, wants 'to be the keystone of the Web site,' and the vendor is providing access with application programming interfaces (APIs) to allow Fusion itself to be the heart of the Web site. NetObjects also announced alliances designed to add other **developers** ' technologies to Fusion, including components that **link** to IBM's HotMedia multimedia product and the iCat Commerce Online package. Also included are Allaire's HomeSite Hypertext Markup Language (HTML) editor and NetStudio's eponymous Web graphics creation tool. Fusion 4.0 can customize HTML output to different browsers and delivery platforms, and an enhanced table tool merges and splits cells. A new JavaBeans tool can

arrange JavaBeans on a Web page and assign actions to them. World Wide Web pages can be updated incrementally, and support is provided for DHTML and Cascading Style Sheets.

PRICE: \$300

COMPANY NAME: Website Pros Inc (622524)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: **Authoring** Systems; Electronic Publishing; HTML; IBM PC & Compatibles; Internet Utilities; Program Development; Web Site Design; Windows; Windows NT/2000

REVISION DATE: 20011224

21/5/12

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00111059

DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Veicon Technology (866393);

Company--LearningStation.com (866407); Company--Microsoft Corp (850195)

TITLE: New breed of vendors embrace thin clients

AUTHOR: Cox, John

SOURCE: Network World, v15 n35 p15(2) Aug 31, 1998

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Company

Veicon Technology and the Learningstation.com, two vendors of thin client technologies, believe that Microsoft's Microsoft Windows NT Terminal Server Edition (TSE) will allow them to deliver remote applications to many client devices, including conventional PCs, Windows terminals, and at some point in time information appliances that include handheld computers, digital assistants, and Web phones. Veicon's V- **Link** thin client is used by a Dallas hotel to provide guests with access to e-mail and other applications via Windows terminals. V- **Link** is a client that includes a Wyse Technology Windows terminal, a credit card reader, and some Veicon code that processes such tasks as credit card **authorization** and e-mail access. The TSE server is hosted by Veicon or an Internet service provider (ISP). Veicon will also provide the hotel with remote access servers which users can dial into. The hotel can also offload Internet data calls from its PBX and collect revenue that would otherwise be paid to ISPs. Learningstation.com recently signed up two manufacturing customers, who will use thin-client technology and a subscription program to gain access to an ISP-hosted server farm; the server farm runs many applications, including **research** and training programs custom-developed for **manufacturers** .

COMPANY NAME: Veicon Technology (651737); LearningStation.com (651729); Microsoft Corp (112127)

SPECIAL FEATURE: Charts

DESCRIPTORS: Front Ends; Hotels; Internet Utilities; Software Marketing; Thin Clients; Windows NT/2000

REVISION DATE: 20021125

21/5/13

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00109246

DOCUMENT TYPE: Review

PRODUCT NAMES: Adobe Acrobat (433039)

**TITLE:** High-Wire Act: Acrobat files help publishers and printers walk  
cr...

**AUTHOR:** Cowan, Les

**SOURCE:** Digital Imaging, p30(4) May 1998

**ISSN:** 1084-5119

**HOME PAGE:** <http://www.digitalimaging.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

ACTONet, United Lithograph, Coptech West, Rane Corporation, RR Donnelley & Sons, and Treasure Chest Advertising have found Adobe's Adobe Acrobat indispensable for making their digital workflow efficient. When it first emerged, Acrobat was seen as simply a way to display documents on any platform without regard to fonts, line breaks, and other incompatible platform features. Now, more and more publishers are viewing Acrobat as a key to an almost-automatic workflow. PDF could even replace PostScript altogether. Publishers and prepress houses like Acrobat for its small file sizes, its embedded fonts and images, and its cross-platform compatibility. ACTONet develops Web sites. It uses PDF files as digital soft proofs to send to clients. United Lithograph uses PDF in a direct-to-plate workflow. Mark Witkowski, the prepress research analyst at United Lithograph, is author of several books, including 'The PDF Bible.' Coptech West is using PDF in an elaborate workflow to put content on CD-ROMs and the Web. Rane Corporation is a manufacturer of electronic audio components. PDF is an integral part of its print-on-demand workflow. Printing giant RR Donnelley & Sons says it is receiving more and more PDF files from customers. Treasure Chest is also a printer that is finding PDF files more important.

**COMPANY NAME:** Adobe Systems Inc (394173)

**SPECIAL FEATURE:** Screen Layouts

**DESCRIPTORS:** Acrobat; Electronic Publishing; Graphics Tools; Printing & Graphic Arts; Publishing; Standards; Workflow

**REVISION DATE:** 20001030

21/5/14

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00107257

**DOCUMENT TYPE:** Review

**PRODUCT NAMES:** Web Studio 2.0 Windows 95 & NT (620804)

**TITLE:** Interface, inconsistent integration hinder Web Studio tool  
collection

**AUTHOR:** Millman, Howard

**SOURCE:** InfoWorld, v20 n16 p72A(2) Apr 20, 1998

**ISSN:** 0199-6649

**HOME PAGE:** <http://www.infoworld.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** C

Luckman Interactive's Web Studio 2.0, a World Wide Web site development suite, gets low marks overall, especially because it has irregular integration and an outdated interface. It also omits an image editing program and needs better documentation and tutorials. The product is marketed as a full-functioned Web site creation toolbox, and as a toolset that allows Web site developers to view the results of changes made to Hypertext Markup Language (HTML) code and Web pages in real time. However, the unwieldy interface uses up any time saved. Perfectionist Webmasters who want precise control over their HTML code and know Virtual Reality Modeling Language are the only user group who may find Web Studio 2.0 helpful and a



good value. The various modules, many of which have been **licensed** from third-party vendors, should be much better integrated because lack of a common interface will cause problems even for experienced Web **developers**. The HTML editor is among the best available, providing granular control over HTML coding, but integration of Java, VRML, and customized HTML code is not straightforward. Other tools include WebMap, an image map creator, Mojo, Crystal Reports database access program, and OpenPath Web, for providing Open Database **Connectivity** (ODBC) database access without Common Gateway Interface (CGI) scripting.

PRICE: \$150

COMPANY NAME: Luckman Interactive Inc (620858)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: **Authoring** Systems; HTML; IBM PC & Compatibles; Internet Utilities; Program Development; VRML; Web Site Design; Windows; Windows NT/2000  
REVISION DATE: 20000830

21/5/15

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00104714 DOCUMENT TYPE: Review

PRODUCT NAMES: **FaceIt Developer Kit 2.0** (684767)

TITLE: **FaceIt Adds Faces to Security**  
AUTHOR: Chowdhry, Pankaj  
SOURCE: PC Week, v14 n45 p124(1) Oct 27, 1997  
ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

Visionics' Visionics **FaceIt Developer Kit 2.0**, the latest release of the biometric technology software development kit, allows **developers** to easily augment 32-bit Windows security applications with facial recognition products. It is rated very good overall, with good usability, interoperability, and manageability, and excellent capability and performance. High-level calls allow applications to be developed quickly, and users are shielded from the foundational complexities of the product. It is highly customizable, but runs only on 32-bit Windows platforms, and supports only the Microsoft Visual C++ compiler. **FaceIt Developer Kit 2.0's** best feature is flexibility, which speeds development. During testing, users could easily integrate **FaceIt's** face-finding and recognition modules into a customized security application using Visual C++. A development copy of Visionics' required run-time dynamic **link** library is provided, but redistributing the library to end-users entails purchasing a separately priced **license** that has to be arranged with Visionics. Four steps are needed to add facial recognition to a custom-built user **authorization** program: storing approved faces in a custom database, locating a face in a captured frame, passing the facial image to the recognition engine, and fetching **FaceIt's** generated confidence recognition level.

PRICE: \$4995

COMPANY NAME: Identix Inc (656798)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Biometrics; C++; Components; Computer Security; IBM PC & Compatibles; Program Development; System Monitoring; Windows  
REVISION DATE: 20020722

21/5/16

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00104691 DOCUMENT TYPE: Review

PRODUCT NAMES: Zanza Web Reports 1.0 (669482)

TITLE: First All-Java Report Writer Offers Basics

AUTHOR: Dyck, Timothy

SOURCE: PC Week, v14 n43 p55(2) Oct 13, 1997

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: C

Zanza Software's Zanza Web Reports 1.0, the first all-Java report writer, is easy to implement and update over an enterprise. However, its Java 1.02 code basis is difficult for **developers** and a step toward the past for users used to feature-laden interfaces provided in native-code applications. When compared with native-code competitors, including Cognos' Impromptu, Business Objects' BusinessObjects, and Seagate Software's Crystal Reports, Zanza's interfaces seem unadorned and less powerful. All the competing products provide some type of server-based Hypertext Markup Language (HTML) reporting, which makes for a much richer and more robust client than Zanza can provide. As for the server-side, Zanza costs somewhat less than most of the competition, and provides 30 report viewer **licenses**, a server **license**, and three report designer **licenses**. However, Zanza is only recommended if report design has to be done using a Java tool. The Zanza report server runs on Windows NT or Solaris, and needs a World Wide Web server from Netscape Communications or Microsoft's Microsoft Internet Information Server (IIS). Open Database **Connectivity** (ODBC) drivers are provided for Oracle, Sybase SQL Server, and Microsoft SQL Server, and clients run on Web browser.

COMPANY NAME: Zanza Software Inc (634115)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: IBM PC & Compatibles; IIS; Information Retrieval; Internet Utilities; Java; Report Generators; Solaris; Windows NT/2000

REVISION DATE: 20001130

21/5/17

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00102929 DOCUMENT TYPE: Review

PRODUCT NAMES: CurrentIssue (674796)

TITLE: Web Software Fills Programming Void

AUTHOR: Staff

SOURCE: /AIXtra, v7 n3 p15(1) May/Jun 1997

HOME PAGE: <http://www.psccl.dfw.ibm.com/aixtra>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Inlet's CurrentIssue, a Web site design and management software offering, combines HTML **authoring** and more sophisticated customized programming. The package includes a design client, server processing, site management, and pre-built component modules. With this set of tools, a Web site **developer** can easily create an interactive site without having to purchase several separate **authoring** applications. The Windows 95 and NT system includes five standard components, a single design client and one server

**license** . The program relies on databases to create catalogs of objects on a site, instead of working with multiple, static HTML files. The software, besides HTML coding, also uses a proprietary language for inserting **links** and images. CurrentIssues also supports ActiveX, Java, JavaScript, Shockwave, and frames. Visitors to Web sites created with CurrentIssue enjoy a great deal of interactivity. A dynamic page can be created when a visitor requests information. This is done by querying a database to create the custom page. **Developers** can easily add, change, or delete pages and images, and avoid having to update multiple pages. Because objects are tracked in a separate database, it is possible to automatically find every instance where a given object is used, and update each page.

COMPANY NAME: McLeodUSA Inc (636169)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: **Authoring** Systems; Client/server; Electronic Publishing;  
HTML; IBM PC & Compatibles; Internet Marketing; Internet Utilities;  
Network Administration; Program Development; Web Site Design; Windows;  
Windows NT/2000  
REVISION DATE: 20021226

21/5/18  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00099295 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Wired Source (650013)

**TITLE:** Straight from the Source's mouth  
**AUTHOR:** Blake, Paul  
**SOURCE:** Information World Review, v119 p37(2) Nov 1996  
**ISSN:** 0950-9879  
**HOME PAGE:** <http://www.iwr.co.uk>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

Wired Source, a new service from 'Wired' magazine, provides evaluative descriptions of World Wide Web sites that can save users time in locating the sites they actually want to visit. It provides write-ups that are partly opinion, but opinions can be valuable when Web sites have to be sorted out before visiting. For example, the description of Lycos lets users know that Lycos 'claims' to have indexed 91 percent of all Web sites, using spider technology, and that Lycos does not support Boolean searches or index every word on a page. Another description calls Educom 'a consortium that believes education and information technology (IT) will provide the most significant enhancements for human capability over the coming decade. Also houses the bimonthly Educom Review and Edupage, a three-times-a-week electronic newswire that summarizes developments in information technology.' Wired Source wants to be the most powerful and compact information resource on the Internet. It provides 23 information categories, and began as simply a bookmark file on Rod Simpson's, its founder's, Web browser; Simpson is now **Associate Producer** of Wired Online. He had been a **research** editor who obtained data first-hand for 'Wired,' ensured accuracy of **writers** ' work, and did other fact checking. Wired Source attempts to provide **links** to critical sources, instead of to the entire Web, and is part of the HotWired Web site.

COMPANY NAME: Wired Digital (624497)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: Front Ends; Indexing; Information Retrieval; Internet  
Utilities; Search Engines  
REVISION DATE: 20020330

21/5/19

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00095545 DOCUMENT TYPE: Review

PRODUCT NAMES: LEVEL5 Quest Server 2.0 Windows 95/NT (600911)

TITLE: Level 5 Quest Server features fine fuzzy searches

AUTHOR: Conatser, Kelly

SOURCE: InfoWorld, v18 n38 pIW/4(1) Sep 16, 1996

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Information Builders' Level 5 **Research** Division's LEVEL5 Quest Server 2.0, a World Wide Web database publishing tool, gets the highest possible marks for its ability to publish Hypertext Markup Language- (HTML)-formatted database tables that are searchable with fuzzy logic querying tools by users looking for related documents. Quest Server could encourage Web surfers to linger on the site to peruse data or catalogs, and on an intranet, it is a nearly flawless tool for **developers** who must assist users in sorting through large quantities of data. Querying to installed databases is via Open Database **Connectivity** (ODBC), and query results are shown in appealing Web pages that need little or no direct HTML editing. Advantages include easy-to-use, specialized tools that help provide more precise search results. Priced at the high end, Quest Server will become addictive to many users once they experience its easy publishing and expert searching tools.

PRICE: \$1495

COMPANY NAME: Inso Corp (613509)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: **Authoring** Systems; Database Management; Electronic Publishing; Fuzzy Logic; HTML; IBM PC & Compatibles; Information Retrieval; Internet Utilities; Web Site Design; Windows; Windows NT/2000

REVISION DATE: 20011130

21/5/20

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00093481 DOCUMENT TYPE: Review

PRODUCT NAMES: NetWare (699683); Novell Cross Platform Service (626643); SCO Open UNIX (695068); Novell IPX/SPX (579327); HP-UX (210056)

TITLE: Novell Pushes Cross-Platform Network Services

AUTHOR: Graziano, Claudia

SOURCE: LAN Times, v13 n15 p1(2) Jul 8, 1996

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Novell's Novell Cross Platform Service, UnixWare, IPX/SPX, and HP-UX are all part of Novell's cross-platform network service **licensing** strategy. Novell, in an effort to make it easier for other **developers** to integrate different server platforms in a Novell NetWare environment, is **licensing**

parts of its network operating system to other **developers**. Customers want better **connectivity** between platforms, and vendors who have signed on with Novell to meet these needs include Hewlett-Packard (HP) and Santa Cruz Operation (SCO). They will **license** Cross Platform Service for use in HP-UX and UnixWare operating system (OS), but Novell is also energetically marketing services to other **developers**, including IBM, Sun Microsystems, DEC, and Data General. Analysts say Cross Platform Service will **appeal** to UNIX **developers** especially because of its ability to integrate and unify open systems.

COMPANY NAME: Novell Inc (344893); SCO Group Inc (604496);  
Hewlett-Packard Co (351016)  
DESCRIPTORS: HP-UX; LANs; NetWare; Network Software; Operating Systems;  
UNIX  
REVISION DATE: 20021226

21/5/21

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00091621 DOCUMENT TYPE: Review

PRODUCT NAMES: HTML 3.2 (835277)

TITLE: HTML Standard Under Construction  
AUTHOR: McGarvey, Joe  
SOURCE: Interactive Week, v3 n10 p49(2) May 20, 1996  
ISSN: 1078-7259  
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

The World Wide Web Consortium's Hypertext Markup Language (HTML) 3.2, the latest version of the Web formatting tag language standard, could be obsolete upon its release. Many new Web page design tools emerged in the last year, and companies continue to produce HTML extensions with advanced features. For example, Netscape Communications **introduced** frames that allow Web pages to be broken into more than one window. Web **developers** who want to use the features usually do so immediately, before the feature is absorbed as part of the latest HTML standard. However, viewers need a particular browser to see the effects added by the proprietary extensions. New tags added to HTML 3.2 include those supporting **innovations** from Netscape, Microsoft, and Web content creators; examples of tags include functions for showing numerical tables and text wrapped around graphics.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: **Authoring** Systems; Electronic Publishing; HTML; Hypertext;  
Internet Utilities; Standards; Web Site Design  
REVISION DATE: 20020830

21/5/22

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00082004 DOCUMENT TYPE: Review

PRODUCT NAMES: Amazing Animation (542555); Isis StoryBuilder (580821)

TITLE: Kiddie computing  
AUTHOR: Clarke, M  
SOURCE: OEM Magazine, v3 n19 p13(2) Jul/Aug 1995  
ISSN: 1071-8990

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Computing **researchers** say software interfaces of the future will be like the leopard that changes his spots, providing businesslike and fun faces, and the ability to create custom interfaces for different audiences. Children's software particularly requires interfaces that will make artifacts of current computer screens' elements, like little tiny paintbrushes, erasers, and VCR buttons. These are for business, and have little meaning to children. Increasing sales of home computers requires rethinking this metaphor, and one **developer**, Claris, says simpler, more intuitive and forgiving interfaces are key to successful children's products. The company's The Amazing Animation program allows children to drag-and-drop predesigned characters to create a cartoon, and audio prompts replace icons. IBM's Isis StoryBuilder **authoring** software **developers** use similar techniques, allowing children to create stories by **connecting** multimedia objects, as if using blocks.

COMPANY NAME: Apple Computer Inc (114936); IBM Corp (351245)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Animation; Graphics Tools; Language Skills; Preschool Age;  
Primary School Age; User Interfaces  
REVISION DATE: 19980830

21/5/23

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00081217 DOCUMENT TYPE: Review

PRODUCT NAMES: **Spyglass Device Mosaic** (531367); **Lotus Word Pro** (559512);  
**Microsoft Internet Assistant** (538973); **WordPerfect Internet Publisher**  
**Windows** (554596); **WebObjects** (575208)

TITLE: **Web-wise apps**  
AUTHOR: Wingfield, Nick  
SOURCE: InfoWorld, v17 n35 p1(2) Aug 28, 1995  
ISSN: 0199-6649  
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Software vendors are starting to integrate Web browser technology in their applications. Spyglass's Enhanced Mosaic is a general purpose Web browser that can be embedded into applications to provide them with online **connections**. Several companies **license** Enhanced Mosaic to **connect** users with online technical support or other online features. Lotus Development's WordPro will provide users with customer support by clicking on an icon that takes the user to Lotus' home page. Microsoft's Internet Assistant is a free add-on to Microsoft Word that transforms Word into an HTML editor and Web browser. Other Microsoft Office applications will also include the same **connectivity** in the future. Novell is also providing a free HTML editor add-on to WordPerfect, called Internet Publisher for Windows, although it does not yet include browsing capability. NeXT's WebObjects is a **developer** toolkit for creating server-based applications that can work with existing Web browsers.

COMPANY NAME: **Spyglass Inc** (485349); **Lotus Software** an IBM Software Group  
(314323); **Microsoft Corp** (112127); **Corel Corp** (421723); **Apple**  
**Computer Inc** (114936)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: **Authoring** Systems; Electronic Publishing; Front Ends; HTML;

IBM PC & Compatibles; Internet Utilities; Microsoft Word; Program Development; User Interfaces; Web Site Design; Windows; WordPerfect  
REVISION DATE: 20020227

21/5/24

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00081093 DOCUMENT TYPE: Review

PRODUCT NAMES: Forte Developer 2.0 (620815)

TITLE: Motif Tool Shines In SunSoft Suite

AUTHOR: Hagan, Tom

SOURCE: Information Week, v539 p42(3) Aug 7, 1995

ISSN: 8750-6874

HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Sun Microsystems' Visual Workshop for C++ 2.0 has tools of **interest** to **developers** who create applications with a Motif interface. The product's excellent Motif design tool and incremental **linker** give Solaris **developers** the most sophisticated C++ development environment available. The product is based on **licensed** X-Designer technology, which adds an object-oriented OO model to encourage hierarchical design and reusability in a superior way. It also automates layout design and includes WorkShop for C++. Visual Workshop for C++ 2.0 flexibly generates C or C++ and User Interface Language (UIL) code, or a combination thereof. If an existing application was written with another tool, UIL files are read into X-Designer with a conversion utility. Forthcoming releases will create Windows Microsoft Foundation Class front ends, and the product's many excellent WorkShop tools include a CodeManager for large project organization.

COMPANY NAME: Sun Microsystems Inc (385557)

SPECIAL FEATURE: Charts

DESCRIPTORS: C; C++; Code Generators; HP; HP-UX; Motif; OOP (Object Oriented Programming); Program Development; Solaris; Sun; User Interface Design

REVISION DATE: 20021130

21/5/25

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00080075 DOCUMENT TYPE: Review

PRODUCT NAMES: Groupware/2000 (556262); Oracle Office (478334); Oracle Forms (461245); Oracle Media Objects (478539)

TITLE: Oracle revamps groupware

AUTHOR: Schroeder, Erica

SOURCE: PC Week, v12 n26 p6(1) Jul 3, 1995

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Oracle redesigned its groupware product strategy and shipped some new multimedia **authoring** tools, as a way to revitalize some stagnant product line sales. The company wants to support and integrate groupware

third-party tools to assist IS managers in creating groupware functions for installed corporate applications and platforms. Oracle Documents is no more, and Oracle is focusing on development via Oracle Office and Oracle Forms products. The entire groupware product line is now part of the Tools Division, which will concentrate on development of open-architecture products that will integrate with Notes, Windows NT Server Oracle Office support, Messaging Application Interface (MAPI) support, and a PROFS gateway for better **connection** to current messaging platforms. Oracle Media Objects, a multimedia **authoring** tool, is priced low to **attract developers** of LAN/WAN client/server products.

COMPANY NAME: Oracle Corp (010740)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: **Authoring** Systems; Communications Interfaces; Groupware;  
Multimedia; Network Software; Oracle; Software Marketing  
REVISION DATE: 19970830

21/5/26

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00076047 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Alias|Wavefront (860026); Company--Silicon Graphics (Canada) (863378)

TITLE: SGI, Alias merger seen as a strategic move  
AUTHOR: Burger, Dale  
SOURCE: Computing Canada, v21 n6 p17(1) Mar 15, 1995  
ISSN: 0319-0161  
HOMEPAGE: <http://www.plesman.com/cc>

RECORD TYPE: Review  
REVIEW TYPE: Company

Silicon Graphics regards its recent purchase of Alias **Research**, a **developer** of high-end 3D graphics applications, as an inevitability. Alias products specifically support Silicon Graphics UNIX workstations, a market that **linked** the two firms from the outset. Alias has long been a reseller for Silicon Graphics products, and now SGI is ready to add more to the pot to increase customer satisfaction. The two firms face increased competition from Microsoft's new, lower-cost SoftImage product, but at least one other competitor sees the SGI-Alias alliance as an opportunity to firm up its own position in the 3D media **authoring** software market. The firm now has a clear view of potential Alias and Wavefront markets, and can plan products accordingly. SGI probably purchased Alias to support entry to new markets, including interactive TV, home banking, and collaborative engineering.

COMPANY NAME: Alias|Wavefront (483559); Silicon Graphics (Canada) (621986)  
DESCRIPTORS: Graphics Tools; Image Processing; Interactive Television; Silicon Graphics; Software Marketing; UNIX  
REVISION DATE: 20020703

21/5/27

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00070664 DOCUMENT TYPE: Review

PRODUCT NAMES: Lotus Notes (550418); ProShare (490792)

TITLE: Lotus, Intel Join Forces to Meld Video, Notes  
AUTHOR: Darrow, Barbara  
SOURCE: CRN, v594 p49(2) Sep 5, 1994



ISSN: 0893-8377  
HOMEPAGE: <http://www.crn.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A Lotus Notes/ProShare combo could be just what's needed for joint **authoring** and editing of collaborative documents in real time, while providing users contact with other team members, according to a groupware **research** director. The combined products will be released under a recent agreement by their **developers**, Lotus Development and Intel, providing Notes groupware and ProShare videoconferencing. The plan will allow value added resellers (VARs) to install systems that merge real-time videoconferencing with Notes store-and-forward document transmission. The companies will do work at the application programming interface (API) level to allow Notes users to collaborate via whiteboards and to videoconference with participants in remote locations. The products must compete with the entry level Video **Connect** product from PictureTel.

COMPANY NAME: Lotus Development Corp (254975); Intel Corp (097551)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Conferencing; Groupware; Notes/Domino; Videoconferencing  
REVISION DATE: 20020124

21/5/28  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00068967 DOCUMENT TYPE: Review

**PRODUCT NAMES: GIS (830278); Surveying (830464)**

**TITLE: Redefining the Role of Surveyors and GIS**  
**AUTHOR: Harrison, Nick Reason, Tim**  
**SOURCE: Professional Surveyor, v14 n5 p10(2) Sep/Oct 1994**  
**ISSN: 0278-1425**  
**HOMEPAGE: <http://www.profsurv.com>**

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

According to a surveying expert, the geographical information system (GIS) market is comprised of data **producers**, professional analysts, and end-users. The **authority** places surveyors in the data **producer** category, since all geographic data for surveying must be **linked** to a reference foundation. He also expects a new legal field to emerge that will determine if data has been mismapped, which can happen when complex problems are solved with advanced technology solutions. Surveyors will be intimately involved in helping map transportation network, hydrology, and political boundaries, a project mandated at the federal level. Some state and local governments recoup GIS costs by selling and **copyrighting** data, and surveyors should follow the same practice. Surveyors are often end users, providing data for sale and using it in their own work.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: Geographical Information Systems; Mapping; Surveying  
REVISION DATE: 19990830

21/5/29  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00063878 DOCUMENT TYPE: Review

PRODUCT NAMES: Fusion 1 for Windows (499609)

TITLE: Administration Software Automates Tedious Tasks

AUTHOR: Jander, Mary

SOURCE: Data Communications, v23 n5 p83(2) Mar 21, 1994

ISSN: 0363-6399

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

BrightWork Fusion 1 for Windows automates NetWare LAN inventories, software distribution, and compliance-checking for DOS and Microsoft Windows site licenses . The product also provides slick management reports. BrightWork, the **developer** of Fusion, is the first to combine all these functions in one product under a universal menu. Fusion 1 is designed to use the Windows graphical user interface (GUI) to more quickly navigate setup for automatic maintenance tasks. It also provides one-glance reports from one screen. Software distribution can be done on a preset schedule; it automatically notifies recipients of the new level and requests that they respond to server installation prompts. Metering graphically shows user data and performs a data integrity test. Report **Writer** includes thirty-nine templates, and users can create customized templates.

PRICE: \$1500

COMPANY NAME: Network **Associates** Inc (490113)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Computer Resource Management; Configuration Management; IBM PC & Compatibles; LANs; NetWare; Network Administration; Network Software; Windows

REVISION DATE: 20020923

Set	Items	Description
S1	1284	(REGISTRATION OR IDENTIFYING OR ENROLLMENT OR SIGNING() (UP OR IN)) (3N)MODULE?
S2	715157	ACCEPT? OR ADMIT? OR RECEIVE? OR TAKE?()IN
S3	569754	STORE? ? OR STORING OR SAVE OR SAVING OR KEEP? ? OR KEEPING OR MEMORY OR CACHE? OR INNOVATION() (DATABASE OR DATA()BASE)
S4	98390	INNOVATOR? OR INVENTOR?OR INITIATOR? OR DISCOVERER? OR ORIGINATOR? OR DEVISER? OR WRITER? OR AUTHOR?
S5	1361330	INNOVATION? OR RESEARCH? OR INTELLECTUAL()PROPERT? OR PATENT? OR CERTIFICAT(2W)INVENTION? OR LICENS? OR EXCLUSIVE() (RIGHT? OR TITLE?) OR COPYRIGHT? OR COPY() (RIGHT? OR PROTECT?) OR DIGITAL()RIGHT?()PROTECTION OR TRADE()SECRET?
S6	1183265	MATCH? OR INTRODUCE? OR LINK? OR UNITE? OR CONNECT? OR ASSOCIATE?
S7	123926	DEVELOPER? OR PLANNER? OR PRODUCER? OR MAKER? OR MANUFACTURER?
S8	71998	CONNECTED()NETWORK? OR INTERNET? OR COMPUTER()NETWORK? OR - WWW OR W()W()W OR WORLDWIDE()WEB OR WORLD()WIDE()WEB OR WEB()-(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S9	236304	ATTRACT? OR INTEREST? OR APPEAL? OR INVIT?
S10	29	S1 (S) S2 (S) S3 (S) (S4 OR S5)
S11	59	S1 (S) S2 (S) (S4 OR S5)
S12	3777	(S4 OR S5) (S) S6 (S) S7
S13	2114	S7 (3N) S9
S14	35	S12 (S) S13
S15	969	S4 (S) S6 (S) S7
S16	220	S15 (S) S5
S17	2	S16 (S) S1
S18	109	S16 (S) S2
S19	63	S10 OR S14 OR S17
S20	30	S19 AND IC=G06F?
S21	30	IDPAT (sorted in duplicate/non-duplicate order)
S22	30	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2003/Feb W04

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File 349:PCT FULLTEXT 1979-2002/UB=20030227,UT=20030220

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22/5,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01276898

**CONTENTS MANAGEMENT SYSTEM, DEVICE, METHOD, AND PROGRAM STORAGE MEDIUM  
INHALTSVERWALTUNGSSYSTEM, VORRICHTUNG, VERFAHREN UND PROGRAMMSPEICHERMEDIUM  
SYSTEME, DISPOSITIF, PROCEDE ET SUPPORT DE PROGRAMME POUR LA GESTION DE  
CONTENUS**

**PATENT ASSIGNEE:**

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

**INVENTOR:**

ISHIBASHI, Yoshihito, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
OHISHI, Tateo, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
MUTO, Akihiro, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
KITAHARA, Jun, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
SHIRAI, Taizou, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

**LEGAL REPRESENTATIVE:**

DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1128598 A1 010829 (Basic)  
WO 200119017 010315

APPLICATION (CC, No, Date): EP 2000956997 000907; WO 2000JP6089 000907

PRIORITY (CC, No, Date): JP 99253660 990907; JP 99253661 990907; JP  
99253662 990907; JP 99253663 990907; JP 99260638 990914; JP 99264082  
990917; JP 99265866 990920

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-009/32; G06F-015/00 ; H04N-005/91;  
G11B-020/10; G10K-015/04; H04N-007/167

**CITED REFERENCES (WO A):**

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1998, pages 352 - 355

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Chosakubutsu no fusei riyoushou ni myoushou ari: Denshi sukashi de  
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TARO YOSHIO: 'Kogata memory card de ongaku chosakuken wo mamoru' NIKKEI  
ELECTRONICS no. 739, 22 March 1999, pages 49 - 53

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chosakuken kanti ga kagi nigiru' NIKKEI ELECTRONICS no. 738, 08 March  
1999, pages 94 - 98

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MATSUSHITA TECHNICAL JOURNAL vol. 44, no. 5, 1998, pages 25 - 33

NAOJI USUKI ET AL.: '5C Digital transmission content protection; IEEE1394  
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vol. 34, no. 393, 01 June 1999, pages 96 - 97  
DIGITAL TRANSMISSION CONTENT PROTECTION SPECIFICATION, REVISION 1.0,  
INFORMATIONAL VERSION 12 April 1999,  
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ABSTRACT EP 1128598 A1

An information receiving apparatus receives identification information and encrypted identification information and makes a comparison between them to allow prevention of illegal utilization of contents data. Also, a data storage apparatus can record contents data encrypted by a content key and the content key so that the contents data can be reproduced on other apparatuses to improve versatility. Moreover, a management apparatus can manage the contents data in the data storage apparatus to allow other apparatuses to utilize it. And also, an information regulating apparatus can verify a signature on available data to prevent illegal utilization of the contents data. Furthermore, the data storage apparatus can store the content key, its handling policies, the contents data encrypted by the content key and its license conditions information so as to safely provide the contents data. In addition, an information recording apparatus can select favorite contents data and store it on the data storage apparatus. Furthermore, the information receiving apparatus can prevent utilization of provision-prohibited contents data by a provision prohibition list.

ABSTRACT WORD COUNT: 172

NOTE:

Figure number on first page: 0020

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010509 A1 International application. (Art. 158(1))  
Application: 010509 A1 International application entering European  
phase  
Application: 010829 A1 Published application with search report  
Examination: 010829 A1 Date of request for examination: 20010502

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200135	29406
SPEC A	(English)	200135	83907
Total word count - document A			113313
Total word count - document B			0
Total word count - documents A + B			113313

...INTERNATIONAL PATENT CLASS: G06F-015/00

...SPECIFICATION same time, returns a result from each module to the upper controller 62. The storage module 92 **stores** data such as the charge information supplied from the purchase processing module 94 and the delivery key...

...not to mutually authenticate with other apparatuses in the user home network 5, whether or not to **accept** the charge information, whether or not to perform re-distribution or the like of the contents. The purchase processing module 94 generates **license** conditions information anew from the handling policy and the price information (as well as already holding **license** conditions information depending on a case) included in the secure container **received** from the service provider 3 to output to the external **memory** control section 97 or the control section 91, and generates charge information to output to the storage...

22/5,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01273919

INFORMATION TRANSMISSION SYSTEM, TRANSMITTER, AND TRANSMISSION METHOD AS  
WELL AS INFORMATION RECEPTION SYSTEM, RECEIVER AND RECEPTION METHOD  
INFORMATIONSUBERTRAGUNGSSYSTEM, SENDER, UBERTRAGUNGSVERFAHREN, SOWIE INFORM  
ATIONSEMPFANGSSYSTEM, EMPFANGER UND EMPFANGSVERFAHREN  
SYSTEME DE TRANSMISSION D'INFORMATIONS, EMETTEUR ET RECEPTEUR, PROCEDE DE  
TRANSMISSION D'INFORMATIONS, PROCEDE DE RECEPTION D'INFORMATIONS

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

ISHIBASHI, Yoshihito, c/o Sony Corporation, 6-7-35, Kitashinagawa,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
OHISHI, Tateo, c/o Sony Corporation, 6-7-35, Kitashinagawa-ku,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
MATSUYAMA, Shinako, c/o Sony Corporation, 6-7-35, Kitashigawa,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
ASANO, Tomoyuki, c/o Sony Corporation, 7-35, Kitashigawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
MUTO, Akihiro, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
KITAHARA, Jun, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Pilch, Adam John Michael et al (50481), D. YOUNG & CO., 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1134670 A1 010919 (Basic)

WO 200116776 010308

APPLICATION (CC, No, Date): EP 2000955022 000825; WO 2000JP5742 000825

PRIORITY (CC, No, Date): JP 99242294 990827; JP 99242295 990827; JP  
99242296 990827; JP 99283326 990827

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-015/00 ; G06F-017/60 ; H04L-009/08;  
G10K-015/02

CITED PATENTS (WO A): XP 2935848 ; XP 2935849

CITED REFERENCES (WO A):

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'Flea market houshiki no yoru jouhou ryutsu. 3.2.1 Capsule no kouzou'  
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Communication Engineers, 18 December 1989, 4. "System nai no Himitsu  
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ABSTRACT EP 1134670 A1

Content data encrypted with a content key, the content key encrypted  
with an individual key specific to an information sending device, and the  
individual key encrypted with a distribution key that is updated in a  
predetermined cycle, and supplied are sent to an information receiving  
device, and the information receiving device decrypts the individual key  
with the distribution key, decrypts the content key with the individual  
key, and decrypts the content data with the content key. Thus, the  
information sending device does not have the distribution key, and  
accordingly piracy of content data can be prevented with a simple

configuration. Also, the information receiving device sends the content key and a playback command to other apparatuses. Thus, other apparatuses can play back contents using the playback command and the content key. Furthermore, the information sending device decrypts the content key with the distribution key before being updated, and stores the same. Thus, contents purchased by an advance order can be actually purchased regardless of expiration dates of the distribution key. Furthermore, usage right is passed from a first information receiving device to a second information receiving device different in registration information at the time of using contents. Thus, contents can be used among information receiving devices different from each other in registration information.

ABSTRACT WORD COUNT: 214

NOTE:

Figure number on first page: 20

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010502 A1 International application. (Art. 158(1))

Application: 010502 A1 International application entering European phase

Application: 010919 A1 Published application with search report

Examination: 010919 A1 Date of request for examination: 20010504

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200138	14242
SPEC A	(English)	200138	53309
Total word count - document A			67551
Total word count - document B			0
Total word count - documents A + B			67551

INTERNATIONAL PATENT CLASS: G06F-015/00 ...

... G06F-017/60

...SPECIFICATION the host controller 62, and sends the result from each module to the host controller 62. The **memory** module 92 **stores** accounting information supplied from the purchase processing module 94 and data such as the distribution key Kd...

...supplies data such as the distribution key Kd)) when other function blocks carry out predetermined processing. The **registration** information checking **module** 93 checks **registration** information supplied from the host controller 62, and determines whether or not cross authentication with another apparatus...

...and whether or not redistribution of the contents is performed. The purchase processing module 94 newly generates **license** condition information from the handling policy and price information contained in the secure container **received** from the service provider 3 (and in some cases, **license** condition information already **stored** ) and outputs the **license** condition information to the external **memory** controlling portion 97 or the controlling portion 91, and generates accounting information and outputs the same to the **memory** module 92. The cross authentication module 95 carries out cross authentication with the electronic distribution service center...

22/5,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01245497

Computer platforms and their methods of operation

Computerplattformen und deren Betriebsverfahren

Plate-formes d'ordinateurs et leurs procedes d'operation

PATENT ASSIGNEE:

Hewlett-Packard Company, (206033), 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304, (US), (Applicant designated States: all)

INVENTOR:

Pearson, Siani Lynne, 35 Sandyleaze, Westbury-on-Trym, Bristol BS9 3PZ, (GB)

LEGAL REPRESENTATIVE:

Lawman, Matthew John Mitchell (84552), Hewlett-Packard Limited, IP

Section, Building 3, Filton Road, Stoke Gifford, Bristol BS34 8QZ, (GB)

PATENT (CC, No, Kind, Date): EP 1076279 A1 010214 (Basic)

APPLICATION (CC, No, Date): EP 99306415 990813;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT EP 1076279 A1

A computer platform (100) uses a tamper-proof component (120), or "trusted module", of a computer platform in conjunction with software, preferably running within the tamper-proof component, that controls the uploading and usage of data on the platform as a generic dongle for that platform. Licensing checks can occur within a trusted environment (in other words, an environment which can be trusted to behave as the user expects); this can be enforced by integrity checking of the uploading and licence-checking software. Metering records can be stored in the tamper-proof device and reported back to administrators as required.

There can be an associated clearinghouse mechanism to enable registration and payment for data.

ABSTRACT WORD COUNT: 111

NOTE:

Figure number on first page: 14

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010214 A1 Published application with search report

Assignee: 010502 A1 Transfer of rights to new applicant:  
Hewlett-Packard Company, A Delaware Corporation  
(3016020) 3000 Hanover Street Palo Alto, CA  
94304 US

Withdrawal: 010725 A1 Date of withdrawal of application: 20010526

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200107	1737
SPEC A	(English)	200107	22008
Total word count - document A			23745
Total word count - document B			0
Total word count - documents A + B			23745

INTERNATIONAL PATENT CLASS: G06F-001/00

...SPECIFICATION the reader, and location independence would also be gained.

With reference to the two main options of **licensing** using the method C given above, let us consider the first case initially, C1:

\* The secure executor...

...is possible because the same procedure is used with different data, and only the data name and **associated** key will differ in each case. The secure executor and secure loader are **stored** together with a hashed version signed with the **manufacturer**'s private key. The **manufacturer**'s public key certificate will be included in every platform. Upon boot/installation of the platform, the...

...be loaded if the integrity check fails, and in this case the complete platform integrity fails.

\* Upon **registration** of the trusted **module** ID and payment, the clearinghouse or **developer** causes the unlock key of the data K to be inserted into the database entry corresponding to the trusted module ID



(this may actually be carried out by a third party, with **authorisation** from the clearinghouse or **developer** ).

\* The public key certificate for C is installed by C into the client trusted module. A suitable...

...example, internet or satellite broadcast), since it is the unlock key that needs to be protected.

\* Once **received** by the end-user platform, an integrity check is performed by the secure loader on the data...

22/5,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01107965

**Requirements matching**

**Bedurfnisse zusammenfuehren**

**Mise en concordance des besoins**

**PATENT ASSIGNEE:**

BRITISH TELECOMMUNICATIONS public limited company, (846100), 81 Newgate Street, London EC1A 7AJ, (GB), (Applicant designated States: all)

**INVENTOR:**

The designation of the inventor has not yet been filed

**LEGAL REPRESENTATIVE:**

Dutton, Erica L. G. (63161), BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre 120 Holborn, London EC1N 2TE, (GB)

PATENT (CC, No, Kind, Date): EP 971298 A1 000112 (Basic)

APPLICATION (CC, No, Date): EP 98305421 980708;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-017/30

**ABSTRACT EP 971298 A1**

A requirements matching broker is provided for use in a distributed requirements matching system. The broker receives messages from users or from other brokers, conveying a statement of requirements, via a communications network interface. The broker includes a store and means to store predetermined rules for routing received messages. A rule includes a statement of requirements and the identity of a corresponding destination. On receipt of a message, the broker performs a comparison of a statement of requirements conveyed by the message with a statement of requirements contained within a stored routing rule. On finding a match, the broker identifies, from the matching routing rule, the identity of a destination for routing the received message and transmits the message to the identified destination via the network interface.

ABSTRACT WORD COUNT: 128

**NOTE:**

Figure number on first page: 2

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Withdrawal: 010321 A1 Date application deemed withdrawn: 20000713

Application: 20000112 A1 Published application with search report

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200002	831
SPEC A	(English)	200002	13459
Total word count - document A			14290
Total word count - document B			0
Total word count - documents A + B			14290

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

... G06F-017/30

...SPECIFICATION for use in embodiments of the invention. RPs such as that shown in Figure 3 may be **stored** and maintained as text records in an indexed database file for example, in the **store** of registered SOR RPs 215, by the RP **Registration** and Update **module** 225. The routing preference format of Figure 3 comprises: a field 300 to contain a reference uniquely identifying the RP within the RP **store** 215; a field 305 to contain the identity of the **originator** of the RP, that is, the destination address for forwarding matching SOR messages; a field 310 to indicate the type of address specified in field 305 to identify the **originator** (destination), distinguishing an "OMP" identifier from a "DNS" (domain name servicer) domain name or "IP" (Internet Protocol...  
...example; a field 315 to contain the expiry date of the RP as defined by the RP **originator** ; a field 320 to contain the date of last affirmation of RP validity as defined by the RP **originator** ; and a field 325 containing the specification of the type of requirement that the RP **originator** would prefer to **receive** .  
The requirement specification field 325 defines a requirement using valid requirement definitions selected from those stored in...

22/5,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00937079 \*\*Image available\*\*

**PREVIEW SYSTEM FOR FLOOR COVERING INSTALLATIONS**

**SYSTEME DE VISUALISATION PREALABLE POUR DES INSTALLATIONS DE REVETEMENTS DE SOL**

Patent Applicant/Assignee:

MILLIKEN & COMPANY, 920 Milliken Road, Spartanburg, SC 29303, US, US  
(Residence), US (Nationality)

Inventor(s):

BRIDGES James C Jr, 409 Broad St., LaGrange, GA 30240, US,  
HOFFNER Charles P Jr, 1001 Cameron Mill Road, LaGrange, GA 30240, US,

Legal Representative:

ALEXANDER Daniel R (agent), Milliken & Company, Legal Department (M-495),  
920 Milliken Road, Spartanburg, SC 29303, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200271181 A2-A3 20020912 (WO 0271181)

Application: WO 2002US4241 20020212 (PCT/WO US0204241)

Priority Application: US 2001797067 20010301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5792

**English Abstract**

A system whereby a prospective purchaser of floor coverings may be provided with a simulated view of various floor covering styles and patterns within the actual contemplated environment of use including furniture, walls, and other non-floor covering elements within the environment of use. A view of the proposed environment of installation is communicated to a floor covering manufacturer or other designated entity for manipulation of the image in digital form to display floor covering products of interest to the purchaser within the proposed environment of

use. The generated images are thereafter communicated back to the potential purchaser for his or her review and consideration. A standardized product identification system is utilized to insure that the floor coverings of interest to the potential consumer are imported into the digitized view.

#### French Abstract

L'invention concerne un systeme selon lequel un acquereur eventuel de revetements de sol peut obtenir une representation graphique simulee de differents motifs et styles de revetements de sol dans l'environnement d'utilisation envisage reel, y compris de mobilier, de parois, et d'autres elements qui ne sont pas des revetements de sol, dans l'environnement d'utilisation. Une representation graphique de l'environnement propose de l'installation est communiquee a un fabricant de revetements de sol ou a une autre entite designee pour manipulation de l'image sous forme numerique afin d'afficher des produits de revetements de sol pouvant interesser l'acquireur dans l'environnement d'utilisation propose. Les images produites sont ensuite communiquees a nouveau a l'acquireur potentiel pour que ce dernier puisse les examiner et les apprecier. Un systeme d'identification de produit normalise est utilise pour assurer que les revetements de sol pouvant interesser le consommateur potentiel soient importes dans la representation graphique numerique.

#### Legal Status (Type, Date, Text)

Publication 20020912 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20021114 Late publication of international search report  
Republication 20021114 A3 With international search report.  
Republication 20021114 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20021219 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

#### Detailed Description

... products of interest are identified through reference by the Requester to a Web Site maintained by the **manufacturer of interest** using a standard Web browser such as NETSCAPE NAVIGATOR or the like. In this regard, by ...will be appreciated, HTML is a standard coding convention and set of codes for attaching presentation and **linking** attributes to informational content within documents. During a document **authoring** stage, the HTML codes are embedded within the information content of the document. When the Web document...

**22/5,K/6 (Item 6 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00926545

**APPARATUS METHOD AND SYSTEM FOR REGISTRATION EFFECTING INFORMATION ACCESS  
DISPOSITIF, PROCEDE ET SYSTEME D'ENREGISTREMENT DONNANT ACCES A  
L'INFORMATION**

Patent Applicant/Inventor:

SIDMAN David, 558 9th Street, Brooklyn, NY 11215, US, US (Residence), US  
(Nationality)

Legal Representative:

HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200259739 A1 20020801 (WO 0259739)

Application: WO 2002US2175 20020125 (PCT/WO US0202175)

Priority Application: US 2001264333 20010125; US 2001267875 20010208; US 2001267899 20010209; US 2001268766 20010214; US 2001270473 20010221; US 2001276459 20010316; US 2001279792 20010329; US 2001303768 20010710; US 2001328275 20011009; US 2001328274 20011009; US 2001328270 20011009

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-007/00

International Patent Class: G06F-017/00 ; G06F-017/30 ; G06F-015/16 ; G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30611

#### English Abstract

An apparatus, method and system to register and provide a persistent identifier of information that may be located in multiple locations, formats, and accessible in variable fashions based on the context of use. The present disclosure further provides the ability to automatically make information available and associated with its identifier. The disclosure also details the ability to create identifier. The disclosure also details the ability to create identifiers from content authoring tools within and for documents and/or other information. The invention teaches how to associate a single identifier while making information available, and accessible under varying conditions, from varying locations, in varying formats, based on various contexts of access. The present disclosure further teaches an enhanced digital object identifier, an enhanced Handle system, and enhanced directory registry that facilitate the access, association, and instantiation of information over a communications network.

#### French Abstract

Cette invention concerne un dispositif, un procede et un systeme d'enregistrement et d'identificateur de donnees persistant qui peuvent etre situes en de multiples points, se presenter sous les formats les plus divers et etre accessibles de differentes manieres en fonction du contexte d'utilisation. L'invention traite egalement de la possibilite de rendre l'information disponible et de l'associer a son identifiant de maniere automatique. Est egalement decrite en detail la possibilite de creer des identifiants a partir d'outils de creation de contenu dans et pour des documents et/ou autres informations. Il y est montre comment associer un identifiant unique tout en rendant l'information disponible et accessible dans des conditions variables, a partir d'emplacements variables et dans des formats variables, selon divers contextes d'accès. De plus, cette invention concerne un identifiant d'objet numerique ameliore, un systeme Handle ameliore et un registre d'annuaire ameliore qui facilitent l'accès, l'association et l'instanciation de l'information au sein d'un reseau de communication.

#### Legal Status (Type, Date, Text)

Publication 20020801 A1 With international search report.

Publication 20020801 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030109 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-007/00

International Patent Class: G06F-017/00 ...

... G06F-017/30 ...

... G06F-015/16 ...

... G06F-015/173

Fulltext Availability:

Claims

Claim

... a user are storable. 102. The system of claim 96, wherein the specification of a prefix obtains **stored** publisher contact and billing information.

103. The system of claim 102, wherein the **stored** publisher contact and billing information is to be **stored** in a cookie.

104. The system of claim 102, wherein the **stored** publisher contact and billing information is to be **stored** in a preference file.

105. The system of claim 102, wherein the **stored** publisher contact and billing information is to be **stored** in a database.

106. The system of claim 96, further comprising:  
means to specify metadata.

107. The...

...within a document.

119. The system of claim 96, wherein the specification to effect submission of data **stores** a provisional unique, persistent, and universal name identifier . 120. The system of claim II 9, wherein the provisional unique, persistent, and universal name identifier is **stored** in a file. 121. The system of claim 1 19, wherein the provisional unique, persistent, and universal name identifier is **stored** in a batch file.

122. The system of claim 1 19, wherein the provisional unique, persistent, and universal name identifier is **stored** in a database.

123. The system of claim 96, wherein the mechanism to effect submission of data **stores** a metadata for a provisional unique, persistent, and universal name identifier .

124. The system of claim 123, wherein the **stored** metadata includes document information. 125. The system of claim 124, wherein the document information includes the...

...The system of claim 129, wherein the automatic document generated values is glossary information.

133. A program **stored** on a medium readable by a processor, the program for information access, comprising:

a module to generate a unique, persistent, and universal name identifier associated for specified information;

a module to **receive** an address for a location for the information;

a module to **receive** metadata for the unique, persistent, and universal name identifier, wherein the metadata provides descriptive data regarding the...registration of the unique, persistent, and universal name identifier in a first phase of

a two-phase **registration** commitment;

a **module** to generate an error signal if the metadata fails to register in the metadata database;

- 96 a **module** to effect the **registration** of the unique, persistent, and universal name identifier with the address associated to the location of the...

...and occurs after effecting the registration of the metadata

in a first phase of a two-phase **registration** commitment; and

a **module** to generate an error signal if the unique, persistent, and universal

name identifier fails to register in the database; and

a **module** to deny **registration** of a unique, persistent, and universal name identifier if either phase of a two-phase commitment generate...

...a module to determine a prefix component of a unique, persistent, and

universal name identifier automatically;  
a **module** to effect the **registration** of the prefix component of a unique,  
persistent, and universal name identifier in a database for resolving...

...The medium of claim 133, wherein the generated errors are tagged in XML format.

139. A program **stored** on a medium readable by a processor, the program for information access, comprising:  
a module to allocate...

...make the location of the allocated space addressable and accessible over a communications network;  
a module to **store** the information to the allocated space;  
a module to generate a unique, persistent, and universal name identifier associated with the information;  
a **module** to effect the **registration** of the unique, persistent, and universal name identifier with an address associated to a location where the information is **stored** in a database for resolving unique, persistent, and universal name identifiers and locations of associated information...

...a module to determine a prefix component of a unique, persistent, and universal name identifier automatically;  
a **module** to effect the **registration** of the prefix component of a unique,  
- 98 persistent, and universal name identifier in a database for...

...name identifiers with unique suffixes.

141. The medium of claim 139, further comprising:  
a module to **receive** metadata for the unique, persistent, and universal name identifier, wherein the metadata provides descriptive data regarding the...

...registration of the unique, persistent, and universal name identifier in a first phase  
of a two-phase **registration** commitment; and  
a **module** to generate an error if the metadata fails to register in the metadata database;  
a module to...

...in XML format.

145. The medium of claim 139, further comprising:  
a module to index the information **stored** in the storage facility; and  
a module to associate the indexed information with the unique, persistent, and...

...persistent, and universal name identifier and indexed information can be identified by each other.

146. A program **stored** on a medium readable by a processor, the program for information access, comprising:  
a module to determine a prefix component of a unique, persistent, and universal name identifier automatically;  
a **module** to effect the **registration** of the prefix component of a unique,  
persistent, and universal name identifier in a database for resolving

147. The medium of claim 146, further comprising:  
a module to **receive** metadata for said prefix component of a unique,  
- 100 persistent, and universal name identifier, wherein the metadata...

...to automatically generate a prefix component for a unique, persistent, and universal name identifier.

162. A program **stored** on a medium readable by a processor, the program to establish an association of desired information and...

...of claim 162, wherein the specification of desired

information is through a selection tool of a content **authoring** application providing access to information in the content **authoring** application through an application programming interface disposed in communication with an interaction interface.

164. The medium of...

...a user are storable.

168. The medium of claim 162, wherein the specification of a prefix obtains **stored** publisher contact and billing information.

169. The medium of claim 168, wherein the **stored** publisher contact and billing information is to be **stored** in a cookie.

170. The medium of claim 168, wherein the **stored** publisher contact and billing information is to be **stored** in a preference file.

171. The medium of claim 168, wherein the **stored** publisher contact and billing information is to be **stored** in a database.

172. The medium of claim 162, further comprising:

a module to specify metadata.

173...within a document.

185. The medium of claim 162, wherein the specification to effect submission of data **stores** a provisional unique, persistent, and universal name identifier.

186. The medium of claim 185, wherein the provisional unique, persistent, and universal name identifier is **stored** in a file.

187. The medium of claim 185, wherein the provisional unique, persistent, and universal name identifier is **stored** in a batch file.

188. The medium of claim 185, wherein the provisional unique, persistent, and universal name identifier is **stored** in a database.

189. The medium of claim 162, wherein the mechanism to effect submission of data **stores** a metadata for a provisional unique, persistent, and universal name identifier.

190. The medium of claim 189, wherein the **stored** metadata includes document information.

191. The medium of claim 190, wherein the document information includes the **author** of the document.

192. The medium of claim 190, wherein the document information includes the creation date...

...the automatic document

generated values is glossary information.

199. An apparatus, comprising:

a processor;

1 5 a **memory**, communicatively connected to the processor;

a program, **stored** in the **memory**, including,

a module to generate a unique, persistent, and universal name identifier associated for specified information;

a module to **receive** an address for a location for the information;

a module to **receive** metadata for the unique, persistent, and universal name identifier, wherein the metadata provides descriptive data regarding the...

...registration of the unique, persistent, and universal name identifier in a

first phase of a two-phase **registration** commitment;

a **module** to generate an error signal if the metadata fails to register in

the metadata database;

a **module** to effect the **registration** of the unique, persistent, and universal name identifier with the address associated to the location of the...

...signal if the unique, persistent, and

universal name identifier fails to register in the database; and

a **module** to deny **registration** of a unique, persistent, and universal name identifier if either phase of a two-phase commitment generate...

...module to determine a prefix component of a unique, persistent, and

- 108

universal name identifier automatically;

a **module** to effect the **registration** of the prefix component of a

unique,  
persistent, and universal name identifier in a database for resolving...

...the generated errors are tagged  
in XML format.

205. An apparatus, comprising:  
a processor;  
1 5 a **memory**, communicatively connected to the processor;  
a program, **stored** in the **memory**, including,  
a module to allocate space in a storage facility for information;  
a module to make the location of the allocated space addressable and  
accessible over a communications network;  
a module to **store** the information to the allocated space;  
a module to generate a unique, persistent, and universal name  
identifier associated with the information;  
a **module** to effect the **registration** of the unique, persistent, and  
universal name identifier with an address associated to a location where  
the - 109 information is **stored** in a database for ...a module to  
determine a prefix component of a unique, persistent, and  
universal name identifier automatically;  
a **module** to effect the **registration** of the prefix component of a  
unique,  
persistent, and universal name identifier in a database for resolving...

...name identifiers with unique suffixes.

207. The apparatus of claim 205, further comprising:  
a module to **receive** metadata for the unique, persistent, and universal  
name 1 5 identifier, wherein the metadata provides descriptive data...

...registration of the unique, persistent, and universal name identifier in  
a first phase  
of a two-phase **registration** commitment; and  
a **module** to generate an error if the metadata fails to register in the  
metadata  
database;  
a module to...

...registration commitment after effecting the registration of the metadata  
in a first phase of a two-phase **registration**  
commitment; and  
a **module** to generate an error if the unique, persistent, and universal  
name  
identifier fails to register in the...

...1 5 211. The apparatus of claim 205, further comprising:  
a module to index the information **stored** in the storage facility; and  
a module to associate the indexed information with the unique,  
persistent, and...

...identifier and indexed information can be identified by each other.

212. An apparatus, comprising:  
a processor;  
a **memory**, communicatively connected to the processor;  
a program, **stored** in the **memory**, including,  
a module to determine a prefix component of a unique, persistent,  
and universal name identifier automatically;  
a **module** to effect the **registration** of the prefix component of a  
unique, persistent, and universal name identifier in a database for  
resolving...

...name identifiers with unique suffixes.

213. The apparatus of claim 212, further comprising:  
a module to **receive** metadata for said prefix component of a unique,  
persistent, and universal name identifier, wherein the metadata provides  
...

...the unique, persistent, and universal name identifier to be unpublished.

215. An apparatus, comprising:



a processor;  
a **memory** , communicatively connected to the processor;  
a program, **stored** in the **memory** , including,  
a module to generate, automatically, an instruction signal for a prefix component for a unique, persistent comprising:  
a processor;  
a **memory** , communicatively connected to the processor;  
a program, **stored** in the '**Memory** , including,  
a module to generate, automatically, an instruction signal to register a unique, persistent, and universal name...

22/5,K/7 (Item 7 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00925713 \*\*Image available\*\*

**APPARATUS, METHOD AND SYSTEM FOR DIRECTORY QUALITY ASSURANCE**  
**DISPOSITIF, PROCEDE ET SYSTEME SERVANT A ASSURER LA QUALITE D'UN REPERTOIRE**  
Patent Applicant/Inventor:

SIDMAN David, 558 9th Street, Brooklyn, NY 11215, US, US (Residence), US  
(Nationality)

Legal Representative:

HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200259797 A1 20020801 (WO 0259797)

Application: WO 2002US2321 20020125 (PCT/WO US0202321)

Priority Application: US 2001264333 20010125; US 2001267875 20010208; US 2001267899 20010209; US 2001268766 20010214; US 2001270473 20010221; US 2001276459 20010316; US 2001279792 20010329; US 2001303768 20010710; US 2001328270 20011009; US 2001328274 20011009; US 2001328275 20011009

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-015/00 ; G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28726

#### English Abstract

An apparatus, method and system to validate the integrity of a persistent identifier of information that may be located in multiple locations, formats, and accessible in variable fashions based on the context of use (135). The present disclosure further provides the ability to validate that the information being identified is valid for any given identifier. The present disclosure also teaches the ability to automatically generate tags that allows for the validation of both information and associated information identifiers either through validation and/or through registration. The invention teaches how to test and assure the quality of association between an identifier of information and the actual information. The invention details how to automatically correct poor quality references being used by identifiers, and/or provides notification escalation to aid in maintaining persistent identifier and information association (135).

#### French Abstract

Dispositif, procede et systeme servant a valider l'integrite d'un

identificateur d'information constant pouvant etre localise dans des emplacements multiples, se presenter en des formats multiples et qui est accessible de facon differente selon le contexte d'utilisation (135). L'invention concerne egalement la capacite de determiner que l'information en cours d'identification est valide pour tout identificateur donne. Elle concerne, de plus, la capacite de generation automatique d'etiquettes permettant de valider a la fois l'information et des identificateurs d'information associes, par l'intermediaire d'une validation et/ou d'un enregistrement. Elle concerne egalement un procede de controle et d'assurance de la qualite d'associations entre un identificateur d'information et l'information reelle. Elle demontre la maniere de corriger automatiquement des references de mauvaise qualite utilisees par des identificateurs et/ou transmet des indications progressives afin de conserver l'association (135) de l'identificateur constant et de l'information.

Legal Status (Type, Date, Text)

Publication 20020801 A1 With international search report.

Publication 20020801 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021219 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/30

International Patent Class: G06F-015/00 ...

... G06F-017/00

Fulltext Availability:

Claims

Claim

... is achieved by pinging the location addresses.

106. The medium of claim 105, wherein pinging includes security **authorization** to facilitate access to secured sources. - 105 107. A program **stored** on a medium readable by a processor, the program for tagging a source, comprising:  
a module to...

...creation of the source.

113. The medium of claim 107, wherein source tagging occurs within a content **authoring** tool.

114. The medium of claim 107, wherein the tagging code is the unique, persistent, and universal name identifier.

115. The medium of claim 107, wherein the tagging code is a security **authorization** mechanism. - 106 116. A program **stored** on a medium readable by a processor, the program to effect **registration**, comprising:

a **module** to determine a tagging code, wherein the tagging code, once recognized, establishes the validity of a source...

...module to generate a unique, persistent, and universal name identifier associated with the source;

a module to **receive** an address for a location for the source;

a **module** to effect the **registration** of the unique, persistent, and universal name I 0 identifier with the address associated to the location  
...

...unique in the 1 3 database.

117. Themediumofclaim116,whereinthetaggingcodeistheunique, persistent, and universal name identifier.

118. Themediumofclaim116,whereinthetaggingcodeisasecurity **authorization** mechanism.

119. Themediumofclaim116,furthercomprising:

a module to validate that the location addresses are accessible. 120.

Themediumofclaim119,whereinatriggeringeventcausesvalidation...

...module to validate the source by recognizing the tagging code embedded

in the source. 122. A program **stored** on a medium readable by a processor, the program to effect **registration**, comprising:  
a **module** to determine a tagging code, wherein the tagging code, once recognized,  
establishes the validity of a source...

...make a location of the allocated space addressable and accessible over a communications network;  
a module to **store** the source to the allocated space;  
I 0 a module to generate a unique, persistent, and universal name identifier  
I 1 associated with the source;  
a **module** to effect the **registration** of the unique, persistent, and universal name I 3 identifier with an address associated to the location where the source is **stored** in a I 4 database for resolving unique, persistent, and universal name identifiers and locations I 5 of associated  
...

...universal name identifier. - 108

124. The medium of claim 122, wherein the tagging code is a security **authorization** mechanism.

125. The medium of claim 122, further comprising:  
a module to validate the source by recognizing...

...122, further comprising:

a module to validate that the location addresses are accessible. - 109

128. A program **stored** on a medium readable by a processor, the program to access a source, comprising:  
a module to...

...make a location of the allocated space addressable and accessible over a communications network;  
a module to **store** the source to the allocated space;  
a module to generate a unique, persistent, and universal name identifier associated with the source;  
a **module** to effect the **registration** of the unique, persistent, and universal name I 0 identifier with an address associated to a location where the source is **stored** in a I 1 database for resolving unique, persistent, and universal name identifiers and locations I 2...

...the unique, persistent, and universal name identifier is

I 3 unique in the database;

a module to **receive** metadata for the universal name identifier, wherein the I 5 metadata provides descriptive data regarding the unique...the registration of the unique, persistent, and universal name identifier in one phase of a

multi-phase **registration** commitment;

- 110 a **module** to generate an error if the metadata fails to register in the metadata database;  
a module to...

...the unique, persistent, and universal name identifier in the database in another phase of a multi-phase **registration** commitment;  
a **module** to generate an error if the unique, persistent, and universal name identifier fails to register in the database;  
a module to validate that the source in yet another phase of a multi-phase **registration** commitment;  
a **module** to generate an error if the validation fails; and  
a module to fail to register the unique...

...name identifier, and validating the source.

130. An apparatus for validating location addresses, comprising:

- a processor;
- a **memory** , communicatively connected to the processor;
- a program, **stored** in the **memory** , including,
- a module to obtain a unique, persistent, and universal name identifier for
- a source; 1
- a...

...The apparatus of claim 130, wherein the location addresses and unique, persistent, and universal name identifier are **received** from a database for resolving unique, persistent, and universal name identifiers with location addresses of associated sources...

...and universal name identifier.

137. The apparatus of claim 135, wherein the tagging code is a security **authorization** mechanism. 138. The apparatus of claim 137, wherein security **authorization** is provided to access the source.

139. The apparatus of claim 130, further comprising:

- a module to...

...is achieved by pinging the location addresses.

149. The apparatus of claim 148, wherein pinging includes security **authorization** to facilitate access to secured sources.

150. An apparatus for tagging a source, comprising:

- a processor;
- a **memory** , communicatively connected to the processor;
- a program, **stored** in the **memory** , including,
- a module to determine a tagging code, wherein the tagging code, once recognized, establishes the validity...

...creation of the source.

156. The apparatus of claim 150, wherein source tagging occurs within a content **authoring** tool.

157. The apparatus of claim 150, wherein the tagging code is the unique, persistent, and universal name identifier.

158. The apparatus of claim 150, wherein the tagging code is a security **authorization** mechanism. - 115

159. An apparatus to effect registration, comprising:

- a processor;
- a **memory** , communicatively connected to the processor;
- a program, **stored** in the **memory** , including,
- a module to determine a tagging code, wherein the tagging code, once recognized, establishes the validity...

...module to generate a unique, persistent, and universal name identifier associated with the source;

- a module to **receive** an address for a location for the source;
- I 1 a **module** to effect the **registration** of the unique, persistent, and universal name identifier with the address associated to the location of the...and universal name identifier.

161. The apparatus of claim 159, wherein the tagging code is a security **authorization** mechanism.

162. The apparatus of claim 159, further comprising:

- a module to validate that the location addresses...

...the tagging code embedded in the source.

165. An apparatus to effect registration, comprising:

- a processor;
- a **memory** , communicatively connected to the processor;
- a program, **stored** in the **memory** , including,
- a module to determine a tagging code, wherein the tagging code, once recognized, establishes the validity...

...the allocated space addressable and

- I 0 accessible over a communications network;
- I 1 a module to **store** the source to the allocated space;
- a module to generate a unique, persistent, and universal name identifier
- 1 3 associated with the source;

a **module** to effect the **registration** of the unique, persistent, and universal 1 5 name identifier with an address associated to the location where the source is **stored** in a database for resolving unique, persistent, and universal name identifiers and locations of associated sources, wherein...

...and universal name identifier.

167. The apparatus of claim 165, wherein the tagging code is a security **authorization** mechanism.

168. The apparatus of claim 165, further comprising:  
a module to validate the source by recognizing...

...the location addresses are accessible. - 119

171. An apparatus to access a source, comprising:

a processor;

a **memory** , communicatively connected to the processor;

a program, **stored** in the **memory** , including,

a module to allocate space in a storage facility for a source;

a module to make a location of the allocated space addressable and accessible over a communications network;

a module to **store** the source to the allocated space;

a module to generate a unique, persistent, and universal name identifier I 0 associated with the source;

I I a **module** to effect the **registration** of the unique, persistent, and universal name identifier with an address associated to a location where the source is **stored** in a 1 3 database for resolving unique, persistent, and universal name identifiers and locations of associated...

...the unique, persistent, and universal name identifier is

1 5 unique in the database;

a module to **receive** metadata for the universal name identifier, wherein the metadata provides descriptive data regarding the unique, persistent, and...

...120 registration of the unique, persistent, and universal name identifier in one phase of a

multi-phase **registration** commitment;

a **module** to generate an error if the metadata fails to register in the metadata database;

a module to...

...the unique, persistent, and universal name identifier in the database in another phase of a multi-phase **registration** commitment;

a **module** to generate an error if the unique, persistent, and universal name identifier fails to register in the...

...3 1 a module to validate that the source in yet another phase of a multi-phase

**registration** commitment;

a **module** to generate an error if the validation fails; and

a module to fail to register the unique...

22/5,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00914784 \*\*Image available\*\*

METHOD FOR SEARCHING INTERNET DOMAIN NAMES

PROCEDE DE RECHERCHE DE NOMS DE DOMAINE INTERNET

Patent Applicant/Inventor:

PILKINGTON Paul, Via del Poggetto, 2, I-56040 Lorenzana, IT, IT  
(Residence), GB (Nationality)

Legal Representative:

TURINI Laura (agent), Piazza S. Giovanni, 8, I-56038 Ponsacco, IT,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200248913 A1 20020620 (WO 0248913)

Application: WO 2000IT525 20001215 (PCT/WO IT0000525)  
Priority Application: WO 2000IT525 20001215  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: **G06F-017/30**  
International Patent Class: H04L-029/12  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 2021

#### English Abstract

A method that permits searches on the web, with the aim of creating web directories constituted by domain names that are the result of the transposition and permutation of the positions of the letters and numbers contained in the term used into its possible combinations of alphanumeric variations. Thanks to said method, to be carried out on a computer program, the utilization and locating of domain names obtained from the said transpositions, which until now have been unused due to their lack of meaning, is made possible. By inserting a given key word a list of domain names is obtained which correspond to its variants, as described above, so as said variants become useful domain names in order to be easily accessed in internet.

#### French Abstract

La presente invention concerne un procede qui permet d'effectuer des recherches sur le Web, en vue de creer des annuaires constitues par les noms de domaine qui resultent de la transposition et de la permutation des positions des lettres et des chiffres presents dans le terme utilise pour former les combinaisons possibles de variantes alphanumeriques. Grace a ce procede, devant etre mis en oeuvre sur un programme informatique, l'utilisation et la localisation des noms de domaine obtenus a partir desdites transpositions, qui jusqu'a present n'ont pas ete utilisees du fait de leur insuffisance de sens, sont rendues possibles. Le fait d'insérer un mot cle donne permet d'obtenir une liste de noms de domaine qui correspond a ses variantes, telles que decrites ci-avant, de sorte que ces variantes deviennent des noms de domaine utiles auxquels on peut acceder facilement sur l'Internet.

#### Legal Status (Type, Date, Text)

Publication 20020620 A1 With international search report.

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Claims

#### Claim

... combinations of  
alphanumeric variations without taking into account any  
meanings or such of the term thus obtained;  
- **matching** of every term thus obtained from said  
transposition to its equivalent domain name in the DNS  
system...  
...described above, the method foresees the display of another  
search window in which it is possible to **introduce** a new  
keyword to delimit the display to a number of domains  
corresponding to the new parameter...

...theoretically possible, until now have been unused due to their lack of meaning.

For example, a wine **producer** could be **interested** in registering the domain name "niwe.com", or with another top level domain, so that the user...

...nature of materials employed, while still remaining within the limits of the protection granted by the present **patent** for an industrial invention.

Brief description of drawings

The enclosed drawing reproduces the flow chart of the...

...combinations of alphanumeric variations without taking into account any meanings or such of the term thus obtained;  
- **matching** of every term thus obtained from said transposition to its equivalent domain name in the DNS system...described above,  
the method foresees the display of another search window in which it is possible to **introduce** a new keyword to delimit the display to a number of domains corresponding to the new parameter...

**22/5,K/9 (Item 9 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00905254 \*\*Image available\*\*

**AN INFORMATION MANAGEMENT SYSTEM**

**SYSTEME DE GESTION DE L'INFORMATION**

Patent Applicant/Assignee:

ORCHESTRIA LIMITED, 190 The Strand, London WC2R 1JN, GB, GB (Residence),  
GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MALCOLM Peter Bryan, Wortham, Lewdown, Okehampton, Devon EX20 4QJ, GB, GB  
(Residence), GB (Nationality), (Designated only for: US)

NAPIER John Anthony, Little Stamborough, Roadwater, Watchet, Somerset  
TA23 ORW, GB, GB (Residence), GB (Nationality), (Designated only for:  
US)

STICKLER Andrew Mark, Parsonage Farmhouse, Netherclay, Bishop's Hall,  
Taunton, Somerset TA1 5EE, GB, GB (Residence), GB (Nationality),  
(Designated only for: US)

TAMBLIN Nathan John, 5 Oakfield Park, Wellington, Somerset TA21 8EX, GB,  
GB (Residence), GB (Nationality), (Designated only for: US)

BEADLE Paul James Owen, Waterside House, Uplowman, Tiverton, Devon EX16  
7DW, GB, GB (Residence), GB (Nationality), (Designated only for: US)

CROCKER Jason Paul, 4 Harvey Way, Ashill, Ilminster, Somerset TA19 9QD,  
GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

ABNETT Richard Charles (agent), Reddie & Grose, 16 Theobalds Road, London  
WC1X 8PL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200239331 A2 20020516 (WO 0239331)

Application: WO 2001GB4979 20011108 (PCT/WO GB0104979)

Priority Application: GB 200027280 20001108; US 2001923704 20010807

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 70047

#### English Abstract

An information management system is described comprising one or more workstations running applications which allow a user of the workstation to connect to a network, such as the Internet. Each application has an analyser, which monitors transmission data that the application is about to transmit to the network or has just received from the network, and which determines an appropriate action to take regarding that data. The analyser may consult policy data containing a supervisor-defined policy to govern the workstations in order to determine what action to take. Such actions may be extracting data from the transmission data, such as passwords and usernames, digital certificates or eCommerce transaction details for storage and record keeping; ensuring that the transmission data is transmitted at an encryption strength appropriate to the contents of the transmission data; determining whether a check needs to be made as to whether a digital certificate received in transmission is valid; determining whether a transaction about to be made by a user of one of the workstations needs third party approval before it is made; and controlling the transmission of messages, such as e-mails according to a policy.

#### French Abstract

L'invention se rapporte a un systeme de gestion de l'information comprenant un ou plusieurs postes de travail exploitant des applications qui permettent a un utilisateur de poste du travail de se relier a un reseau, tel que l'Internet. Chaque application possede un analyseur qui controle les donnees de transmission que l'application s'apprete a transmettre au reseau ou vient de recevoir du reseau, et qui choisit une action idoine a prendre concernant ces donnees. L'analyseur peut consulter des donnees de regles d'utilisation contenant des regles d'utilisation qui sont definies par un superviseur et qui commandent les postes de travail afin de decider de l'action a prendre. De telles actions peuvent consister : a extraire des donnees des donnees de transmission, telles que les mots de passe et les noms d'utilisateurs, les certificats numeriques ou les details des transactions cyber-commerciales pour le stockage et la tenue des dossiers ; a s'assurer que les donnees de transmission soient transmises a une vitesse de cryptage adaptee aux contenus des donnees de transmission ; a determiner s'il est necessaire ou non d'effectuer des verifications sur la validite d'un certificat numerique recu par transmission ; a juger si une transaction, que s'apprete a mener un utilisateur d'un des postes de travail, doit recevoir l'aval d'une tierce personne avant sa conclusion ; et a commander la transmission de messages, tels que les e-mails selon les regles d'utilisation.

#### Legal Status (Type, Date, Text)

Publication 20020516 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Claims

#### Claim

... any variables that are  
to be transmitted or also from the representation of  
the web page in **memory** . The discussion above about the  
identification of passwords explains this in more  
detail. - 43  
The preferred system account numbers. Company  
account numbers from which funds may be deposited may  
be **stored** in a separate file. Any likely strings of  
characters or digits may then be extracted from the...



...similar techniques could be used to identify and extract credit card numbers from transmissions that are being **received**.

Validation and Authentication support  
on-line transactions typically require some form of authentication that the user is...

...attached to-electronic  
transmissions by the user which, in conjunction with a  
- 44

digital signature, allow the **receiver** to verify that the transmission originated from the person named as sender. Digital certificates from certain issuing **authorities**, such as Identrus, may also act as a warranty that the holder will honour his commitment to...

...by an unauthorised  
third party.

Digital certificates are issued to individuals, organisations, or companies by independent Certificate **Authorities**, such as Verisign Inc. An organisation may also act as its own Certificate **Authority** issuing its own digital certificates which may or may not be derived from a 'root' certificate issued by another Certificate **Authority**. A digital certificate typically contains the holder's name, a serial number, an expiration date, a copy of the certificate holder's public key and the digital signature of the certificate issuing **authority**. A private key is also issued to the certificate holder who should not disclose it to anyone...

...are all sent to a recipient who, in order to confirm that the message he has **received** is complete and unaltered from its original form, may then produce a hash for the **received** message. If, the **received** hash, having been decrypted with the holder's public key, matches the hash produced by the recipient...

...is necessary to check with the issuer that the certificate is still valid before any transaction is **authorised**. Such checks can be carried  
- 46

out on-line using an independent verification service such as that...

...fee is

usually charged for such Services.

It may be that individual employees of an organisation each **receive** e-mails from a single client, each signed with his digital certificate, on separate occasions. Presently, there is no way for a information about certificates **received** by one employee to be shared with another employee unless they share it themselves manually, and as a result, individual employees might request that the same certificate be validated each time that they **receive** it. This is wasteful however, since once a certificate is revoked by its issuer, it is never...

...re-checked or not.

For example, if a digitally signed order for \$1M worth of goods is **received** one day, and the certificate successfully validated, and on the next day another order for \$50 is **received**, signed with the same certificate, the organisation may consider a second validation check to be unnecessary, thereby **saving** the

validation charge.

The preferred system provides means to record information about the Digital Certificates that have been **received**, the status of the certificate at the last check as well as, where applicable, transaction information, such as client, amount, date, goods and so on. This information is **stored** in a central database

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to which all users of the system have access. The preferred system also provides means to use the **stored** information to decide whether or not a validation check is desirable, and to **accept** or refuse transmissions depending on the status of the digital certificate. Thus, users of the system may **receive** and review transmissions without the need to establish their authenticity themselves.

Figure 9 illustrates the operation of a plug-in module of the preferred system implemented to extract digital certificates from transmissions **received** by company employees and record them in a database along with their validity status and details of...

- ...referenced. The module then makes-a check to determine whether or not the certificate has already been **stored** in the database and only records those that have not. Where a copy of the certificate is already **stored**, the module checks the database record to determine whether it has been previously identified as revoked in...
- ...upon, and therefore whether or not the transmission signed by the digital certificate should be rejected or **accepted**. The module is initiated at step S190, following receipt of data containing a digital certificate. Digital certificates...
- ...transmission. Otherwise the module proceeds to step S192 in which the database is searched for a previously **received** copy of the digital certificate. Control then passes to decision step S194. If a copy of the...
- ...from step S194 to step S202 where the new certificate and the date on which it was **received** are **stored** in the database, together with additional details such as the address from which it was sent and...
- ...The policy data contains instructions which when considered in conjunction with the history of signed transmissions previously **received** and revocation checks previously made indicate whether or not the certificate used to sign a transmission should...
- ...data is illustrated in Figure 10 to which reference should now be made. The policy data is **stored** on the **AcceptanceConfidenceRating** branch on the DigitalCertificates branch of the policy data representation. The **AcceptanceConfidenceRating** branch sub-divides into two separate branches which deal individually with 'monetary' digital certificates, where a certificate...
- ...warranty certificate' issued by some on-line banking organisations, such as Identrus, as a warranty to the **receiver** of the signed transmission. Such warranty certificates testify that the sender of the transmission is a customer...

...an Identrus member bank,  
and that if he or she does not make payment, the bank  
will **accept** liability. - 51  
Organisations which issue different kinds or  
classes of digital certificate mark each certificate  
according to classify their certificates  
and searching for the appropriate indicator in the  
certificate **received** .  
Issuers of digital certificates may provide many  
different classes of certificate suited for different  
purposes. These may...

...in  
which the names of organisations and individuals for  
whom digital certificates should always be checked are  
**stored** . Clearly, the contents of table a and table b  
will depend upon the experience of the user...

...receipt of a valid digital certificate from a  
company, within which checks of any further digital  
certificates **received** from that company are not  
considered necessary. In this case, the period of time  
is set to...

...system to decide. The amount of time that  
has passed since a valid digital certificate has been  
**received** may be determined by referring to digital  
certificates and associated data **stored** in the  
database. By checking digital certificates  
periodically, rather than each time they are **received**  
allows money spent on making checks to be saved. The  
MonetaryCertificates branch also contains an  
AlwaysAcceptFrom and...

...branch which sets out two conditions  
for performing checks on a digital certificate that has  
been recently **received** and validated. The  
IfRecentlyChecked branch allows the user to specify  
that digital certificates **received** for transactions for  
a small amount, in this case \$5000, **received** within a  
specified time, in this case 30 days, of a previous  
revocation check, need not be...

...or not  
to perform an on-line check of the status of the  
Digital Certificate it has **received** . The sub-process  
begins in step S220 from which control passes to  
decision step S222 in which...

...first in a chain of decision  
steps corresponding to the branches in the  
MonetaryCertificates branch of the  
**AcceptanceConfidenceRating** branch of the policy data.  
If in step S222, it is determined that the  
transmission is not...

...first decision step in  
- 54  
a chain of decision steps corresponding to the  
IdentityCertificates branches of the  
**AcceptanceConfidenceRating** branch of the policy data.  
In each of the decision steps in the chain a simple  
5...in the last 30 days. This will  
involve looking up the Digital Certificate in the  
database of **stored** Digital Certificates and extracting  
from the **stored** information the date on which the  
Digital Certificate was last checked. If the status of

the Digital...

...days, control flows to step S242 where confidence is established. If the information in the database of **stored** Digital Certificates indicates that the Digital Certificate has not been checked in the last 30 days then...

...decision step S230  
in which a check is made to see if another Digital Certificate has been **received** from the same company and if that Digital Certificate has been checked within the last 10 days. This determination again involves checking the database of **stored** Digital Certificates and information relating to those Digital Certificates. If the other Digital Certificate has been checked in the last 10 days then control flows to step S242 where confidence in the **received** Digital Certificate is established. If not, then control flows to step S244. In the case of a...

...checked within the last 30 days. Again, this determination is made with reference to the database of **stored** Digital Certificates and data relating to Digital Certificates. If the certificate has not been checked within the...

...S244. If the amount of the transaction is under \$5,000 then it is classed as an **acceptable** risk to rely on the Digital Certificate, confidence is established and control passes to step S242. These...

...he has made before to see if the amount and the goods and services requested are in **keeping** with his trading history. If 5 they are not, then it may be desirable to check the...

...has been established then control passes to step S208 in which the transmission containing the transaction is **accepted**. Control then passes to step S200 where the module exits and control passes back to point A...the amount promised in the transaction. Control next passes to step S212, in which the validity status **stored** in the database for that certificate is up-dated. Control then passes to  
- 59  
decision step S214...

...passes to step S198 where the transmission is rejected, or to step S208 where the transmission is **accepted**. Rejection of the 5 transmission may mean that it is deleted from the recipients mail box before...

...responsible for maintaining transaction information by making hard copies of the relevant electronic records or by actively **storing** copies of any electronic records in files on his computer. The reliance on manual methods to ensure...

...has been identified as occurring, the preferred system may record the details of the transaction by both **storing** in entirety each  
- 61  
communication between a user and the identified trader,

or by, scanning the transmissions...

...a transaction has been identified, the preferred system may record in the database a predefined number of **cached** transmissions that took place immediately before the first recognised transmission of the transaction.  
This will be useful...

...is the detection of a credit card number or an electronic receipt, since these are likely to **received** at the very end of a transaction. The prior transmissions may, for example consist of web pages...

...Additionally, the database may be a local file or a  
- 62

service on a network. The information **stored** in the database may be encrypted using known encryption techniques so that only a person with the necessary **authorisation** may access it.

Figure 12 is an illustration of the operation of an example implementation of a **module** for **identifying** when an electronic transaction is being conducted on line. Figure 14 illustrates the process by which the...

...on the basis of a predetermined approvals policy.  
With reference to Figure 12, the operation of a **module** for **identifying** when an on-line transaction is occurring will next be described.  
The module begins operation at step...

22/5,K/10 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00881943 \*\*Image available\*\*

**METHOD AND APPARATUS FOR LOCATION DEPENDENT INFORMATION SERVICES**  
**PROCEDE ET APPAREIL DESTINES A DES SERVICES D'INFORMATIONS FONCTION DE LA LOCALISATION**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ), S-126 25 Stockholm, SE, SE  
(Residence), SE (Nationality)

Inventor(s):

BENGTSSON Gilbert, Bergasvagen 15, S-442 50 Ytterby, US,  
BUSO Roberto, Fyrverkaregatan 5B, S-413 21 Goteborg, SE,  
DE LAVAL Georg, Stenhydegatan 3, S-431 69 Molndal, SE,  
HOLMBERG Anders, Jattegrytgatan 1 A, S-412 68 Goteborg, SE,  
SVENSSON Kjell, Krokslatts Parkgata 69 C, S-431 68 Molndal, SE,

Legal Representative:

BOESTAD Kajsa (agent), Ericsson AB, Patent Unit Internet Applications,  
S-164 80 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200215076 A1 20020221 (WO 0215076)  
Application: WO 2001SE1743 20010810 (PCT/WO SE0101743)  
Priority Application: US 2000639103 20000816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 16829

#### English Abstract

A method and apparatus is described for providing location dependent information services to customers in a WAP-Bluetooth environment. WAP-Bluetooth server units are provided to customers including qualified third party developers. A WAP-Bluetooth SDK is provided to third party developers and qualified WAP-Bluetooth applications are developed thereby. Qualified applications are loaded on WAP-Bluetooth server units for providing location dependent information services. Connections are made with WAP-Bluetooth client terminals and location-dependent WAP pages are pushed toward the WAP-Bluetooth client terminals using a WAP-Bluetooth application. A WAP-Bluetooth signal is transmitted in a coverage area associated with the location dependent information service and connections made with client terminals to provide the location dependent information service. Qualified applications are registered such that applications are available to customers and third party developers in a product registry. Qualified applications are presented and provided on a trial basis to customers using a website. The SDK includes a WAP-Bluetooth development environment, WAP-Bluetooth software modules, WAP-Bluetooth application examples, a bootloader, a software platform, and a basic WAP-Bluetooth application, and documentation. The software platform includes a Bluetooth stack, an operating system, and drivers. The WAP-Bluetooth development includes a graphical user interface development tool.

#### French Abstract

L'invention concerne un procede et un appareil permettant de fournir aux clients d'un environnement a protocoles d'application sans fil (WAP) Bluetooth des services d'informations en fonction de la localisation. Les unites serveur WAP Bluetooth sont fournies aux clients, y compris aux developpeurs troisieme partie qualifies. Un kit developpeur de logiciel WAP Bluetooth est fourni aux developpeurs troisieme partie et des applications WAP Bluetooth qualifiees sont ainsi developpees. Des applications qualifiees sont chargees sur des unites serveur WAP Bluetooth pour les services d'informations fonction de la localisation. Des connexions sont etablies avec des terminaux clients WAP Bluetooth et des pages WAP fonction de la localisation sont poussees en direction des terminaux client WAP Bluetooth utilisant une application WAP Bluetooth. Un signal WAP Bluetooth est emis dans une zone de couverture associee au service d'informations fonction de la localisation et des connexions sont etablies avec des terminaux clients en vue de fournir le service d'informations fonction de la localisation. Des applications qualifiees sont enregistrees de telle facon que les applications soient disponibles aux clients et aux developpeurs troisieme partie dans un registre produits. Des applications qualifiees sont presentees aux clients utilisant un site web et leur sont fournies a titre experimental. Le kit SDK contient un environnement developpement WAP Bluetooth, des modules logiciel WAP Bluetooth, des exemples d'applications WAP Bluetooth, un initialisateur, une plate-forme logiciel, une application WAP Bluetooth basique, et une documentation. La plate-forme logiciel comporte une pile Bluetooth, un systeme operationnel et des pilotes. L'environnement de developpement WAP Bluetooth comporte un outil de developpement interface utilisateur.

#### Legal Status (Type, Date, Text)

Publication	20020221	A1	With international search report.
Publication	20020221	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20020516		Request for preliminary examination prior to end of 19th month from priority date

Claim Mod 20020718 Later publication of amended claims under Article 19  
received: 20020322

Republication 20020718 A1 With international search report.

Republication 20020718 A1 With amended claims.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... to communication using Bluetooth. Software platform 510 thus is expected to be used by most third party **developers** who are **attracted** by Bluetooth capabilities **associated** with the WAP Bluetooth server. Bluetooth stack 513 is preferably an open source implementation of a Bluetooth...

...ported to

eCos operating system 512, which may be an eCos operating system. For additional information see: **developer** . axis. comlsoftwareBluetooth. Bluetooth stack 513 preferably includes HCI, 2CAP, SDP, and RFCOMM layers and may be written in ANSI C and may farther be **licensed** using GPL (the copy holder being Axis Communications) and may be included in the SDK.

Operating system...

22/5,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00881942

**A METHOD FOR THIRD PARTY APPLICATION DEVELOPMENT**

**PROCEDE DESTINE AU DEVELOPPEMENT D'UNE APPLICATION TROISIEME PARTIE**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET L M ERICSSON (publ), S-126 25 Stockholm, SE, SE  
(Residence), SE (Nationality)

Inventor(s):

BENGTSSON Gilbert, Fyrverkaregatan 5B, S-413 21 Goteborg, US,  
BUSSO Roberto, Fyrverkaregatan 5B, S-413 21 Goteborg, SE,  
DE LAVAL Georg, Stenhyddegatan 3, S-431 69 Molndal, SE,  
OLIN Tommy, Bjorkhallan 5, S-436 39 Askim, SE,

Legal Representative:

MAGNUSSON Monica (agent), Ericsson Radio Systems AB, Patent Unit Radio  
Access, S-164 80 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200215074 A2 20020221 (WO 0215074)

Application: WO 2001SE1741 20010810 (PCT/WO SE0101741)

Priority Application: US 2000638952 20000816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16566

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020221 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... to communication using Bluetooth. Software platform 510 thus is expected to be used by most third party **developers** who are **attracted** by Bluetooth capabilities **associated** with the WAP Bluetooth server. Bluetooth stack 513 is preferably an open source implementation of a Bluetooth...

...ported to

eCos operating system 512, which may be an eCos operatin system. For additional information see: **developer** . axis. conilso arelbluetooth. Bluetooth

.ftw

stack 513 preferably includes HCI, 2CAP, SDP, and RFCOMM layers and may be written in ANSI C and may further be **licensed** using GPL (the copy holder being Axis Communications) and may be included in the SDK.

Operating system...

22/5,K/12 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00880979 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROVIDING A MOBILE WAP SERVER**

**PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UN SERVEUR WAP MOBILE**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ), S-126 25 Stockholm, SE, SE  
(Residence), SE (Nationality)

Inventor(s):

BENGTSOON Gilbert, Bergasvagen 15, S-442 50 Ytterby, US,  
BUSSO Roberto, Fyrverkaregatan 5B, S-413 21 Goteborg, SE,  
DE LAVAL Georg, Stenhydddegatan 3, S-431 69 Molndal, SE,  
HOLMBERG Anders, Jattegrytsgatan 1 A, S-412 68 Goteborg, SE,  
SVENSSON Kjell, Krokslatts Parkgata 69 C, S-431 68 Molndal, SE,

Legal Representative:

MAGNUSSON Monica (agent), Ericsson Radio Systems AB, Patent Unit Radio  
Access, S-164 80 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200215075 A1 20020221 (WO 0215075)

Application: WO 2001SE1742 20010810 (PCT/WO SE0101742)

Priority Application: US 2000639102 20000816

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description



English Abstract

A method and apparatus is described for providing location dependent information services to customers in a WAP-Bluetooth environment. Mobile WAP-Bluetooth server units are provided to customers including qualified third party developers. A WAP-Bluetooth SDK is provided to third party developers and qualified WAP-Bluetooth applications are developed thereby. Qualified applications are loaded on Mobile WAP-Bluetooth server units for providing location dependent information services. Connections are made with WAP-Bluetooth client terminals and location-dependent WAP pages are pushed toward the WAP-Bluetooth client terminals using a WAP-Bluetooth application. A WAP-Bluetooth signal is transmitted in a coverage area associated with the location dependent information service and connections made with client terminals to provide the location dependent information service. Qualified applications are registered such that applications are available to customers and third party developers in a product registry. Qualified applications are presented and provided on a trial basis to customers using a website. The SDK includes a WAP-Bluetooth development environment, WAP-Bluetooth software modules, WAP-Bluetooth application examples, and documentation. The software platform includes a Bluetooth stack, an operating system, and drivers. The software platform includes a Bluetooth stack, an operating system, and drivers.

French Abstract

L'invention concerne un procede et un appareil permettant de fournir aux clients d'un environnement WAP Bluetooth des services d'informations en fonction de la localisation. Des unites serveur a protocoles d'applications sans fil (WAP) Bluetooth mobiles sont fournies aux clients, y compris aux developpeurs troisieme partie qualifies. Un kit developpeur de logiciel (SDK) WAP Bluetooth est fourni aux developpeurs troisieme partie et des applications WAP Bluetooth qualifiees sont ainsi developpees. Des applications qualifiees sont chargees sur des unites serveur WAP Bluetooth mobiles pour fournir des services d'informations en fonction de la localisation. Des connexions sont etablies avec des terminaux clients WAP Bluetooth et les pages WAP en fonction de la localisation sont poussees en direction des terminaux client WAP Bluetooth a l'aide d'une application WAP Bluetooth. Un signal WAP Bluetooth est transmis dans une zone de couverture associee au service d'informations fonction de la localisation et des connexions sont etablies avec des terminaux clients pour fournir le service d'informations fonction de la localisation. Des applications qualifiees sont enregistrees de telle maniere que les applications sont disponibles aux clients et aux developpeurs troisieme partie dans un registre produits. Des applications qualifiees sont presentees et fournies a titre experimental aux clients utilisant un site web. Le kit SDK comporte un environnement de developpement WAP Bluetooth, des modules logiciel WAP Bluetooth, des exemples d'applications WAP Bluetooth, et une documentation.

Legal Status (Type, Date, Text)

Publication	20020221	A1	With international search report.
Publication	20020221	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20020510		Request for preliminary examination prior to end of 19th month from priority date
Claim Mod	20020718		Later publication of amended claims under Article 19 received: 20020315
Republication	20020718	A1	With international search report.
Republication	20020718	A1	With amended claims.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

# Detailed Description

... to communication using Bluetooth. Software platform 510 thus is expected to be used by most third party **developers** who are **attracted** by Bluetooth capabilities **associated** with the mobile WAP-Bluetooth server. Bluetooth stack 513 is preferably an open source implementation of a...

...ported to

eCos operating system 512, which may be an eCos operating system. For additional information see: **developer** . axis. comlsqj@warelBluetooth. Bluetooth

stack 513 preferably includes HCI, 2CAP, SDP, and RFCOMM layers and may be written in ANSI C and may further be **licensed** using GPL (the copy holder being Axis Conununications) and may be included in the SDK.

Operating system...

22/5,K/13 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00876811 \*\*Image available\*\*

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVICE, OPERATING SYSTEM, AND NETWORK TRANSPORT NEUTRAL SECURE INTERACTIVE MULTI-MEDIA MESSAGING SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR APPAREIL, SYSTEME D'EXPLOITATION ET MESSAGERIE MULTIMEDIA INTERACTIVE RESEAU, NEUTRE ET SECURISEE**

Patent Applicant/Assignee:

STORYMAIL INC, 15729 Los Gatos Boulevard, Los Gatos, CA 95032, US, US  
(Residence), US (Nationality)

Inventor(s):

ILLOWSKY Daniel H, 21363 Dexter, Cuptertino, CA 95014, US,  
WENOCUR Michael L, 4057 Amaranta Avenue, Palo Alto, CA 94306, US,  
BALDWIN Robert W, 990 Amarillo Avenue, Palo Alto, CA 94303, US,  
SAXBY David B, 14946 Granite Court, Saratoga, CA 95070, US,

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert  
LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200210962 A1 20020207 (WO 0210962)

Application: WO 2001US23713 20010727 (PCT/WO US0123713)

Priority Application: US 2000627357 20000728; US 2000627358 20000728; US 2000627645 20000728; US 2000628205 20000728; US 2000706606 20001104; US 2000706609 20001104; US 2000706610 20001104; US 2000706611 20001104; US 2000706612 20001104; US 2000706613 20001104; US 2000706614 20001104; US 2000706615 20001104; US 2000706616 20001104; US 2000706617 20001104; US 2000706621 20001104; US 2000706661 20001104; US 2000706664 20001104; US 2001271455 20010225; US 2001912715 20010725; US 2001912936 20010725; US 2001912905 20010725; US 2001912773 20010725; US 2001912885 20010725; US 2001912860 20010725; US 2001912941 20010725; US 2001912901 20010725; US 2001912772 20010725

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

# Claims

Fulltext Word Count: 169299

## English Abstract

System, method, signal, operating model, and computer program for electronic messaging. Systems and method for providing security for communication of electronic messages, interactive sessions, software downloads, software upgrades, and other content from a source to a receiving device as well as signals used for such communications (304, 309, 308, 324, 342, 338, 334, 330, 326). Systems, methods, signals, device architectures, data formats, and computer program structures for providing authentication, integrity, confidentiality, non-repudiation, replay protection, and other security properties while minimizing the network (306) bandwidth, computational resources and manual user interactions (314) required to install, enable, deploy and utilize these security properties. System, device, method, computer program, and computer program product for searching and selecting data and control elements in message procedural/data sets for automatic and complete portrayal of message to maintain message intent.

## French Abstract

Système, procédé, signal, modèle opératoire et programme d'ordinateur pour messagerie électronique. Systèmes et procédé permettant de sécuriser la communication de données de messages électroniques, sessions interactives, téléchargements de logiciels, mises à jour de logiciels et autres contenus d'une source à un appareil récepteur ; signaux utilisés pour ce type de communication (304, 309, 308, 324, 342, 338, 334, 330, 326). Systèmes, procédés, signaux, architectures d'appareils, formats de données et structures de programmes d'ordinateur assurant l'authentification, l'intégrité, la confidentialité, la non-repudiation, la protection contre la réinsertion ainsi que d'autres propriétés de sécurité tout en réduisant la bande passante du réseau (306), ressources informatiques et interactions manuelles de l'utilisateur (314) requises pour l'installation, l'activation, le déploiement et l'utilisation de ces propriétés de sécurité. Système, appareil, procédé, programme d'ordinateur et produit programme d'ordinateur permettant de rechercher et de sélectionner des éléments de donnée et de commande dans des procédures relatives aux messages et des ensembles de données pour obtenir une représentation automatique et complète du message et préserver l'intention du message.

## Legal Status (Type, Date, Text)

Publication 20020207 A1 With international search report.

Publication 20020207 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/00

Fulltext Availability:

Detailed Description

## Detailed Description

... readable storage medium and a computer program mechanism embedded therein, the computer program mechanism, comprising: a program module that directs the computer system and/or components thereof, to function in a specified manner to conduct...

22/5,K/14 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00869511 \*\*Image available\*\*

APPARATUS AND METHODS FOR A CLIENT SERVER SYSTEM

APPAREIL ET PROCÉDES DESTINÉS À UN SYSTÈME CLIENT/SERVEUR

Patent Applicant/Assignee:

NOKIA MOBILE PHONES LIMITED, Keilalahdentie 4, FIN-02150 Espoo, FI, FI  
(Residence), FI (Nationality)

Inventor(s):

SHARP Jonathan, 65 Park Drive, Sunningdale, Berkshire SL5 0BB, GB,  
THOMAS Graham, 5 Martel Close, Camberley, Surrey GU15 1QS, GB,  
SELIGMAN Kym, 2 Dyer Road, Wokingham, Berkshire RG40 5PG, GB,  
PNEUMATICOS George, 15 Ingram House, Park Road, Hampton Wick, Kingston  
upon Thames, Surrey KT1 4BA, GB,

Legal Representative:

HIBBERT Juliet (et al) (agent), Nokia IPR Department, Nokia House, Summit  
Avenue, Farnborough, Hampshire GU14 0NG, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203652 A2-A3 20020110 (WO 0203652)  
Application: WO 2001EP7122 20010622 (PCT/WO EP0107122)  
Priority Application: GB 200016256 20000630

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: G06F-009/445 ; H04Q-007/00; A63F-013/12;

G06F-017/60 ; G06F-009/44 ; H04Q-007/32

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 4141

English Abstract

This invention relates to a system for downloading new in-game data onto a handheld electronic device (31) having a transceiver, the system comprising: a server (41) for storing said new in-game data and for making said new in-game data available for downloading therefrom, said new in-game data being made available to a content enabler by a content provider, monitoring means for monitoring the downloading of said new in-game data from said server to provide at least one parameter indicative of the number of downloads of said new in-game data, accounting means for computing, responsive to said at least one parameter, a payment to be made whereby said first party remunerates said second party.

French Abstract

L'invention concerne un systeme permettant de telecharger de nouvelles donnees de jeu sur un dispositif electronique portable (31) pourvu d'un emetteur-recepteur et comprenant : un serveur (41) permettant de stocker les nouvelles donnees de jeu et a les rendre disponibles pour un telechargement a partir du serveur, les nouvelles donnees de jeu etant rendues disponibles pour un valideur de contenu par un fournisseur ; un dispositif de surveillance permettant de surveiller le telechargement des nouvelles donnees de jeu a partir du serveur afin de fournir au moins un parametre indiquant le nombre de telechargements des donnees de jeu ; enfin, un dispositif de comptabilite permettant, en reponse audit parametre, de calculer un paiement devant etre effectuee par une premiere partie a une seconde partie.

Legal Status (Type, Date, Text)

Publication 20020110 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20020214 Request for preliminary examination prior to end of

19th month from priority date  
Search Rpt 20020510 Late publication of international search report  
Republication 20020510 A3 With international search report.

International Patent Class: G06F-009/445 ...

... G06F-017/60 ...

... G06F-009/44

Fulltext Availability:  
Claims

#### Claim

- ... e.g. a new level or variation of the game) from a server of the mobile phone **manufacturer**. Since this downloading can be logged, the mobile phone **manufacturer** is able to make a payment to the content (e.g. game) provider in respect of the...
- ...data, levels, etc), whilst the user will continue to remain interested and engaged. Furthermore, the mobile phone **manufacturer** benefits in increased traffic and stimulating content for mobile phone **manufacturer**'s internet site.
- In order to aid a better understanding of the present invention, various embodiments of...
- ...inter-relationship between a content provider 10, a content enabler 20, in this case the mobile phone **manufacturer**, and an end user 30. Also illustrated in Figure 1 is an operator or distributor 40 to whom the **manufacturer** supplies the mobile phone, and through whom the end user is provided with a wireless communication service...
- ...data modifies the original game content to result in adapted games content. Each adapted games content has **associated** with it an identifier that identifies which adaptation data has been used in its construction. Having designed...
- ...working model, the content provider (or an agent thereof) then makes an approach to a mobile phone **manufacturer** so as to enquire if the **manufacturer** is **interested** in putting the game on the **manufacturer**'s phones. In the alternative, it may be that the mobile phone manufacture has already 1 0 commissioned the content provider to create and provide an electronic game. Whilst the mobile phone **manufacturer** may be **interested** in providing the game on its mobile phone, it may be reluctant to pay a per unit...
- ...payment in respect of this content. In either case, the content provider also makes available to the **manufacturer** adaptation data. The mobile phone **manufacturer** may embed the original games content onto the phone during manufacture, or **authorise** downloading of the original games content onto the phone. Referring to Figure 2, there is shown a server 21 onto which the mobile phone **manufacturer** loads the adaptation data, an end user's mobile phone 31 that is serviced by an operator...
- ...contains the original games content. The adaptation data that is loaded and stored by the mobile phone **manufacturer** onto server 21 has a unique URL address. In this way, the adaptation data is available for...the basis of the monitored level of downloads of new-in game data that the mobile phone **manufacturer**, using the accounting means, computes the payment to be made to the content provider. Such payment could...
- ...phone terminal 31 which through the operator network having an operator server 42 accesses a mobile phone **manufacturer**'s server 21 having a

memory containing adaptation data (L1, L2, L3). Figure 3 also shows an...

...register 50 which may be part of the operator server 42 or the mobile 15 phone **manufacturer** 's server 21. An end user 30 that wishes to obtain adaptation data makes a request for...

...option that the user clicks onto to send the request. The menudriven option could be a direct link from the games menu option, which would save having to open for instance a browser application of...

...on the appropriate tariff the operator server forwards the request to the URIL address identifying mobile phone **manufacturer** 's server 21, as indicated at block 120. If, on the other hand, the user is identified...

...adaptation data downloads.

Returning to the case where the network operator accepts the user and engages the **manufacturer** 's server for the download, the request received at the server undergoes further authentication and identification at...the basis of airtime, or by some other measure. The operator in turn reimburses the mobile phone **manufacturer** . For example, the operator server accounting system may send a signal to the **manufacturer** 's server that a download of adaptation data has been successfully executed. This signal is then registered...

...means that monitors the volume of downloads that the server is performing. The counting means could be linked at the server to an accounting system that on the basis of the level of successful downloads...

...the content provider develops a new adaptation for a game, this is stored on the mobile phone **manufacturer** 's server and sent to the operator who then unilaterally transmits the new level using 'push' techniques...

22/5,K/15 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00841926 \*\*Image available\*\*

**EXCHANGING INFORMATION BETWEEN SOURCES AND CONSUMERS OF A COMPUTER USER'S CONTEXT**

**ECHANGE D'INFORMATIONS RELATIVES AU CONTEXTE D'UN UTILISATEUR D'INFORMATIQUE ENTRE DES SOURCES ET DES UTILISATEURS**

Patent Applicant/Assignee:

TANGIS CORPORATION, 1848 Westlake Avenue North, Seattle, WA 98109, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ABBOTT Kenneth, 4216 107th Place NE, Kirkland, WA 98033, US, US (Residence), US (Nationality), (Designated only for: US)

NEWELL Dan, 2623 Evergreen Point Road, Medina, WA 98039, US, US (Residence), US (Nationality), (Designated only for: US)

ROBARTS James O, 17610 NE 31st Place, Redmond, WA 98052, US, US (Residence), US (Nationality), (Designated only for: US)

SWAPP Kenneth A, 3807 - 42nd Avenue S.W., Seattle, WA 98116, US, US (Residence), US (Nationality), (Designated only for: US)

FREEDMAN Joshua M, 3015-81st Place S.E. #104, Mercer Island, WA 98040, US, US (Residence), US (Nationality), (Designated only for: US)

APACIBLE Johnson, P.O. Box 2258, Redmond, WA 98073, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

LAWRENZ Steven D (et al) (agent), Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200175592 A2 20011011 (WO 0175592)  
Application: WO 2001US10779 20010402 (PCT/WO US0110779)  
Priority Application: US 2000194006 20000402; US 2000194003 20000402; US  
2000194759 20000402; US 2000194001 20000402; US 2000193998 20000402; US  
2000194004 20000402; US 2000194222 20000402; US 2000194760 20000402; US  
2000194123 20000402; US 2000724892 20001128; US 2000724932 20001128; US  
2000724893 20001128; US 2000724777 20001128; US 2000724894 20001128; US  
2000724949 20001128; US 2000724799 20001128; US 2000724902 20001128

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 40175

#### English Abstract

Techniques are described providing mediated information about a current state that is modeled with multiple state attributes. In some situations, the providing includes receiving from a first source an indication of a first value for an indicated one of the state attributes of the modeled current state, receiving from a second source an indication of a second value for the indicated state attribute, and, after an indication from a client for a value for the indicated state attribute, sending to the client a mediated value for the indicated state attribute that is produced by mediating between available values for the indicated state attribute including at least the first and second values.

#### French Abstract

L'invention concerne des procedes permettant d'obtenir des informations assistees par ordinateur concernant un etat courant qui est modelise a l'aide de plusieurs attributs d'etat. Selon certains modes de realisation, le procede consiste a recevoir, d'une premiere source, une indication d'une premiere valeur pour un attribut d'etat choisi parmi les attributs d'etat de l'etat courant modelise; a recevoir, d'une seconde source, une indication d'une seconde valeur pour l'attribut d'etat indique; puis, a recevoir, d'un client, une indication d'une valeur pour l'attribut d'etat indique; a envoyer au client une valeur assistee pour l'attribut d'etat indique qui est produit par mediation entre les valeurs disponibles pour l'attribut d'etat indique, y compris au moins les premiere et seconde valeurs.

Legal Status (Type, Date, Text)

Publication 20011011 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-009/00

Fulltext Availability:

Claims

#### Claim

... supply  
values for at least one of the state attributes, so that the second intermediary module can receive future indications of abilities and inabilities to supply values for state attributes from sources.  
100. The method...

...from the second  
intermediary module, receiving from each of multiple clients an

indication of a desire to **receive** at least one value for a specified state attribute; and  
in response to the **received** indication from the second intermediary module, supplying to the second intermediary module an indication of each client from whom an indication of a desire to **receive** at least one value for a specified state attribute has been **received**, so that the second intermediary module can **receive** future indications of desires to **receive** values for state attributes from clients.  
101. The method of claim 99 including, under control of the...

...from the second intermediary module, receiving from each of multiple clients an indication of a desire to **receive** at least one value for a specified state attribute; and  
in response to the **received** indication from the second intermediary module, notifying each client from whom an indication of a desire to **receive** at least one value for a specified state attribute has been **received** to supply future indications of desires to **receive** values for state attributes to the second intermediary module.  
104. The method of claim 69 wherein the **received** indications from the first and second sources of the ability to supply values for the one attribute are registration messages.  
105. The method of claim 104 wherein each of the **received** indications from the client for the value of the one attribute are requests, and including receiving from...

...the one attribute.  
106. The method of claim 69 wherein security information for a source must be **received** before any values of state attributes are **received** from the source.

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. The method of claim 69 wherein security information for a client must be **received** before any values of state attributes are supplied to the client.

108. The method of claim 69...

...client for the value of the one attribute are based on an indication of a desire to **receive** values for the one attribute that is **received** before the receiving of the indications of ability and inability to supply values from the first and...

...the one attribute from the first or second sources.

109. The method of claim 69 wherein the **received** indications from the client for the value of the one attribute are requests

**received** from the client, and wherein the supplying of the values to the clients are in response to...

...the first source of the ability and the inability to supply values for the one attribute are **received** based on proximity of the computer to the location of the first source.

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. The method of...

...the first source of the ability and the inability to supply values for the one attribute are **received** based on availability of input information to the first source.

113. The method of claim 69 wherein...

...of claim 114 wherein the multiple sources that are to be executed are determined based on previous **received** indications of ability to supply values for at least one state



attribute.

116. The method of claim...

...and selecting a value to be sent to the client for the another state attribute that is **received** from the same source.

119. The method of claim 69 including receiving from the first source an indication of a group of at least one authorized client, and wherein a value **received** from the first source is supplied to the client only if the client is one of the...

...for a value of the one attribute, supplying to the client a value for the one attribute **received** from the first source;  
84  
receiving from a second source an indication of an ability to supply...

...of the one attribute, supplying to the client a value for the one attribute based on values **received** for the one attribute from the first and second sources;  
receiving from the first source an indication...for a value of the one attribute, supplying to the client a value for the one attribute **received** from the second source.  
123. The computer-readable medium of claim 122 wherein the computer-readable medium is a **memory** of the computing device.  
124. A computer-readable generated data signal transmitted via a transmission medium, the...

...for a value of the one attribute, supplying to the client a value for the one attribute **received** from the first source;  
receiving from a second source an indication of an ability to supply values...

...of the one attribute, supplying to the client a value for the one attribute based on values **received** for the one attribute from the first and second sources;  
85 1  
receiving from the first source...

...for a value of the one attribute, supplying to the client a value for the one attribute **received** from the second source.  
125. A computing device for providing information about a current state that is...

...first source an indication of an inability to supply values for the one attribute;  
an attribute value **receiver** module that is capable of receiving values for the one attribute from the first and second sources; and  
an attribute value supplier module that is capable of, after the indication is **received** from the first source of the ability to supply values for the one attribute and before the indication is **received** from the second source, supplying to a client a value for the one attribute **received** from the first source, after the indications are **received** from the first and second sources, supplying to the client a value for the one attribute based on values **received** for the one attribute from the first and

second source;  
and  
after the indication is received from the second source  
and after the indication is received from the first source of the  
inability to supply values for the one attribute, supplying to a client a  
value for the one attribute received from the second source.

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. The computing device of claim 125 wherein the  
attribute mapping module, the attribute value receiver module, and the  
attribute value supplier module are components of an intermediary  
module executing in memory, and further comprising multiple sources  
and multiple clients executing in the memory.

127. A method in a computer for providing information  
about a current state that is modeled with...

...indicated one

attribute from a first source,  
determining that the first client has an interest in  
receiving the received value; and  
supplying the received value to the first client.

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. A method of claim 127 wherein the computer is a  
wearable...

...for the state attributes, and wherein the wearable computer executes a  
plurality of state client modules to receive and process values for the  
state attributes, and  
wherein the wearable computer executes an intermediary module to...

...method further

comprising:

under control of each of the executing state client modules,  
sending to the intermediary module a registration message indicating  
a  
current desire to receive values for at least one indicated state  
attribute;  
under control of each of the executing state server...

...least one input sensor;

generating a current value for one of the state attributes  
based on the received information; and  
sending to the intermediary module the generated  
current value; and  
under control of the intermediary module,  
receiving the sent registration messages; and  
for each of the state server modules,  
receiving from the state server module the sent...

...for one of the state attributes;

after the receiving of the current value,  
determining based on the received registration messages multiple of the  
state client modules that currently have a desire to receive values for  
the  
one state attribute; and  
sending to each of the determined state client  
modules the received current value,

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so that the state client modules receive values for the state  
attributes they have indicated when the values become available.

129. The method of...

...state attribute; and

sending to the first state client module a value for the  
indicated state attribute received in response to the requesting.

130. The method of claim 129 wherein the intermediary  
module stores values for the state attributes that are received from  
the  
state server modules, and wherein the requesting of the state server  
modules to supply the...

...first state client module  
occurs only if an appropriate value for the indicated state attribute is not **stored** by the intermediary module.  
13 1. The method of claim 129 wherein at least some of the state server **modules** send **registration** messages to the intermediary **module**, each **registration** message indicating a current availability to supply values for an indicated one of the state attributes, and...

...messages from the state server modules.  
89  
. The method of claim 128 wherein the sending of the **received** current value to the determined state client modules includes an indication of the state server module from which the sent current value was **received**.  
133. The method of claim 128 including, under the control of the intermediary module: receiving from a...

...state attributes;  
determining after the receiving of at least some of the sent current values whether the **received** current value satisfies the condition;  
and  
when it is determined that the condition is satisfied, notifying the...

...user and send those generated values to the intermediary module, and wherein the intermediary module additionally sends **received** values for the additional state attributes to state client **modules** based on **received** registration messages from those state client modules indicating a current desire to **receive** values for at least one of the additional state attributes.  
90  
. The method of claim 127 wherein...

...of  
the value for the one attribute from the first source includes receiving descriptive information about the **received** value.  
137. The method of claim 136 wherein the descriptive information includes a time at which the **received** value is most accurate.  
138. The method of claim 136 wherein the descriptive information includes a confidence factor indicating a likelihood of accuracy of the **received** value.  
139. The method of claim 136 wherein the supplying of the **received** value to the first client includes supplying the descriptive information to the first client.  
140. The method of claim 127 wherein the supplying of the **received** value to the first client includes supplying an indication of the first source.  
141. The method of claim 127 wherein the **received** indication from the first client additionally includes an indication of a source for the values of the one attribute, and wherein the supplying of the **received** value to the first client occurs only if the first source is the indicated source.  
91  
. The method of claim 127 including supplying the **received** value to the first client only if the **received** value satisfies a criteria for values supplied to the first client.  
143. The method of claim 127 including **storing** values for attributes that are **received** from sources so that the **stored** values can be later supplied to clients.

144. The method of claim 127 wherein the one attribute...

...ability to supply values for the one attribute.

151. The method of claim 127 wherein the **received** indications from the first and second clients are registration messages.

152. The method of claim 127 including...

...and receiving a value from a source for the second attribute, supplying to the first client the **received** value for the second attribute.

153. The method of claim 152 wherein the **received** value for the second attribute is from the first source.

154. The method of claim 127 including, after receiving a value for the one attribute from a second source, supplying the **received** value to the first client.

155. The method of claim 127 including, after receiving a value for the another attribute from a source, supplying the **received** value to the second client.

156. The method of claim 127 wherein the **received** value is supplied by the first source in response to receiving by the first source of input...

...of claim 157 including determining after the receiving of the value for the one attribute whether the **received** value satisfies the condition.

159. The method of claim 157 wherein the condition relates to a specified...for the indicated state attribute; and sending to the client a value for the indicated state attribute **received** in response to the requesting.

162. The method of claim 127 wherein the first source includes a...

...method of claim 127 wherein the first client includes a group of instructions to be executed to **receive** a value for the one attribute, and including loading and executing the group of instructions in response...

...the indication from the first client.

164. The method of claim 127 wherein security information must be **received** for a source before any values of state attributes are **accepted** from the source.

165. The method of claim 127 wherein security information must be **received** for a client before any values of state attributes are supplied to the client.

166. The method...

...supplying to the first client a mediated value for the one attribute that is based on multiple **received** values for the one attribute.

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. The method of claim 127 wherein receiving of the supplied value...

...of claim 172 wherein the multiple sources that are to be executed are determined based on previous **received** indications of ability to supply values for at least one state attribute.

174. The method of claim...

...upon commencement of execution of the software module, commencing execution of multiple client that are each to **receive** values for at least one of the state attributes.

175. The method of claim 174 wherein the multiple clients that are to be executed are determined based on previous

received indications of an indication of an interest in receiving values for at least one state attribute.

96...

...one

attribute from a first source,  
determining that the first client has an interest in  
receiving the **received** value; and  
supplying the **received** value to the first client.

177. The computer-readable medium of claim 176

wherein the computer-readable medium is a **memory** of the computing device.

178. A computer-readable generated data signal  
transmitted via a transmission medium, the...

...one

attribute from a first source,  
determining that the first client has an interest in  
receiving the **received** value; and  
supplying the **received** value to the first client.

179. The computer-readable generated data signal of  
claim 178 wherein the...

...an interest in receiving values for another of  
the attributes of the current state;

an attribute value **receiver** module that is capable of  
receiving a value for the one attribute from a first source; and...

...the value for the one attribute, determining that the first client has  
an interest in receiving the **received** value and supplying the **received**  
value to the ...client.

181. The computing device of claim 180 wherein the  
attribute mapping module, the attribute value **receiver** module, and the  
attribute value supplier module are components of an intermediary  
module executing in **memory**.

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. The computing device of claim 180 further  
comprising multiple sources and multiple clients executing in the  
**memory**.

183. A method in a computer for providing information  
about a current state that is modeled with...

...the state attributes, and wherein the wearable computer executes a  
plurality of state

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client modules to **receive** and process values for the state attributes,  
and

wherein the wearable computer executes an intermediary module to...

...the method further

comprises:

under control of each of the state server modules, sending to  
the intermediary module a **registration** message indicating a current  
availability of the state server module to supply values for an indicated  
one of the state attributes;

under control of the intermediary module,  
receiving the sent **registration** messages; and  
for each of multiple state client modules,  
receiving from the state client module a request...

...to be currently

available to supply values for the specified state attribute, the  
determining

based on the **received** registration messages;  
receiving from at least one of the determined state  
server modules the requested value and...

...the requested value has the indicated accuracy; and sending to the state client module one of the **received** values and the **received** additional descriptive information related to the one value; and under control of each of the multiple state client modules, receiving from the intermediary module a requested value and additional descriptive information; and processing the **received** requested value based on the **received** additional descriptive information.

100 . The method of claim 184 wherein the intermediary module **stores** values and additional descriptive information for the state attributes that are **received** from the state server modules, and wherein the requesting of the determined state server modules to supply...

...a state client module occurs only if an appropriate value for the specified state attribute is not **stored** by the intermediary module, the appropriateness of a **stored** value based at least in part on the **stored** additional descriptive information related to the **stored** value.

186. The method of claim 184 including, under the control of each of the determined state...

...the generated value and the determined additional descriptive information.

101 . The method of claim 184 wherein the **received** request from the state client module for the current value of the specified state attribute includes an...

...requested values and the additional descriptive information from the determined state server modules, selecting one of the **received** values to be sent to the client module based on the accuracy of the selected value being above the indicated accuracy threshold, the accuracy of the selected value being indicated by the **received** additional descriptive information related to the selected value.

188. The method of claim 184 wherein the processing of the **received** requested value includes presenting information to a user of the state client module based on the **received** requested value.

189. The method of claim 184 wherein at least some of the state client modules...

...for the additional state attributes to those state client modules, the values for the additional state attributes **received** from state server modules in response to requests from the intermediary module for the values.

190. The...wherein the method further comprises: under control of each of the executing SSMs, sending to the intermediary module a **registration** message indicating a current availability of the SSM to supply values for at least one indicated state ...

...module a request for a value of the one state attribute; and under control of the intermediary module, receiving the sent **registration** messages; and for each of the executing SCMs, receiving from the SCM the request for the value of the one state attribute;

determining based on the **received** registration messages multiple of the SSMs that are currently available to supply values for the one state...

...attribute in response to the requesting; and  
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sending to the SCM at least one of the **received** values,  
so that the SCMs **receive** values for the state attributes as requested from available SSMs.  
238. The method of claim 237 including...

...response to a request of the first SSM for the current value; and  
in response to the **received** current value, supplying the **received** current value to a first SCM.

239. The method of claim 238 wherein at least some of the SCMs send registration messages to the intermediary **module**, each **registration** message indicating a current desire to **receive** values for an indicated one of the state attributes, and including determining that the first SCM is to **receive** the **received** current value based on a registration message previously **received** from the first SCM.

240. The method of claim 237 wherein the intermediary **module** **stores** values for the state attributes that are **received** from the SSMs, and wherein the requesting of determined SSMs to supply a requested value to be sent to a SCM occurs only if an appropriate value for the indicated state attribute is not **stored** by the intermediary **module**.

241. The method of claim 237 wherein the sending of a **received** value to an SCM includes an indication of the SSM from which the sent value was **received**.

113  
. The method of claim 237 including, under the control of each of the determined SSMs:  
receiving...

...sends values for the additional state attributes to those SCMs, the values for the additional state attributes **received** from SSMs in response to requests for the values from the intermediary **module**.

114  
. The method of...

...client includes supplying an indication of the first source.

248. The method of claim 236 wherein the **received** request from the first client additionally includes an indication of a source  
for the values of the...

...the criteria; and  
supplying to the first client a value for the one attribute based on the **received** additional values.

115  
. The method of claim 249 wherein the criteria is based on recency of the value.

25 1. The method of claim 23 6 including **storing** values for attributes that are **received** from sources so that the **stored** values can be later supplied to clients.

252. The method of claim 236 wherein the one attribute...method of claim 236 wherein the first client includes a group of instructions to be executed to **receive** a value for the one attribute, and including loading and executing the group of instructions in response...

...selecting a value to be supplied to the first client for the second

state attribute that is **received** from the same source.  
261. The method of claim 236 including, after receiving a request from the...

...and receiving a value from a source for the second attribute, supplying to the first client the **received** value for the second attribute.

262. The method of claim 261 wherein the **received** value for the second attribute is from the first source.

263. The method of claim 236 including, after receiving a value for the one attribute from a third source, supplying the **received** value to the first client.

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. The method of claim 236 including, after receiving a request from...

...the another attribute and

receiving a value from the second source for the another attribute, supplying the **received** value to the second client.

265. The method of claim 236 wherein the obtaining of the value...

...the first source to supply the value and receiving the requested value in response, and wherein the **received** value from the first source is based on input information related to the one attribute that is...

...least one client having an interest in receiving values for the specified state attribute; and sending the **received** current value to each of the determined clients.

267. The method of claim 236 including supplying to the first client a mediated value for the one attribute that is based on multiple **received** values for the one attribute.

268. The method of claim 236 wherein receiving of the supplied value...

...first client.

272. The computer-readable medium of claim 271 wherein the computer-readable medium is a **memory** of the computing device.

273. A computer-readable generated data signal transmitted via a transmission medium, the...the value, requesting the value from the first source, and supplying to the first client a value **received** from the first source.

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. The computing device of claim 274 wherein the attribute mapping module, the...

...value request module, and the attribute value supplier module are components of an intermediary module executing in **memory**.

276. The computing device of claim 274 further comprising multiple sources and multiple clients executing in the **memory**.

277. A method in a first computer for providing information about a current state that is represented...

...values for at least one state attribute from the intermediary module- and performing processing based on the **received** values; under control of the intermediary module, facilitating exchange of values by, receiving values for the state...

...on another computer to model a current state related to the another computer; for each state attribute, **storing** the **received** values for the attribute; and



receiving requests for values of indicated state  
attributes from SCMs and from a second of the other characterization  
systems, and sending **stored** values of the indicated state attributes to  
the  
SCMs and the second other characterization system; and  
modeling...another computer having a sensor  
receiving information about the user of the wearable computer, and  
wherein the **received** values from the first other characterization  
system  
for a state attribute of the modeled current state of the user are based  
on the **received** information from the sensor.  
291. The method of cla  
  
im 278 wherein the second other  
characterization system...

22/5,K/16 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00837963 \*\*Image available\*\*

**METHODS AND SYSTEMS FOR ESTABLISHING AN ELECTRONIC ACCOUNT FOR A CUSTOMER  
PROCEDES ET SYSTEMES SERVANT A OUVRIR UN COMPTE ELECTRONIQUE POUR UN CLIENT**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Room 6344,  
Washington, DC 20260-1135, US, US (Residence), US (Nationality)

Inventor(s):

ORBKE Wayne H, 2685 Hackscross Road, Germantown, TN 38138, US,  
TREMAINE Samuel R, 1940 Cowden Avenue, Memphis, TN 38014-5215, US,

Legal Representative:

GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farabow, Garrett &  
Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171610 A2 20010927 (WO 0171610)

Application: WO 2001US8491 20010316 (PCT/WO US0108491)

Priority Application: US 2000189983 20000317

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

International Patent Class: G07F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18988

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20010927 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20020117 Request for preliminary examination prior to end of  
19th month from priority date

Declaration 20020307 Late publication under Article 17.2a

Republication 20020307 A2 With declaration under Article 17(2)(a); without

abstract; title not checked by the International Searching Authority.

Declaration	20020307	Late publication under Article 17.2a
Correction	20020613	Corrected version of Pamphlet: pages 1-53, description, replaced by new pages 1-38; pages 54-101, claims, replaced by new pages 39-72; pages 1/64-64/64, drawings, replaced by new pages 1/60-60/60; due to late transmittal by the receiving Office
Republication	20020613	A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... A system for creating an electronic account for a user, comprising:  
 a registration receiving component configured to **receive** registration information from the user;  
 a generating component configured to generate a unique electronic account number corresponding to...

...physical address of the user;  
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 a sending component configured to send a request to a certificate **authority** for an electronic certificate for the electronic account;  
 a certificate receiving component configured to **receive** the electronic certificate; and  
 a creating component configured to create the electronic account with the registration information...

...United States Postal Service address matching engine. 103. The system of claim 100, wherein the certificate **authority** is a United States Postal Service Certificate **Authority**. 104. A system for initiating an electronic account for a user, comprising:  
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 a request receiving component configured to **receive** from a network server, user information including a request to initiate the electronic account;  
 a creating component...

...send a validation form to the user at the physical address;  
 a confirmation receiving component configured to **receive** a validation confirmation indicating that the user has been validated using the validation form; and  
 an activating...

...send a query containing the user information to the address database;  
 a key receiving component configured to **receive** an address key corresponding to the physical address of the user in the address database, the physical...

...system of claim 105, wherein the obtaining component occurs via a United States Postal Service Digital Certificate **Authority**. 111. The system of claim 104, wherein the confirmation receiving component further includes:  
 a user receiving component configured to **receive** the validation confirmation from the user. 112. The method of claim 104, wherein the confirmation receiving component further includes:  
 a clerk receiving component configured to **receive** the validation confirmation from a identity validation clerk.  
 113. A computer readable medium having computer readable code embodied

therein for registering an electronic account over a network, the computer

readable code comprising:

a **registration** transmitting module configured to transmit **registration** information from a user to a registration system over the network;  
a **registration** receiving module configured to **receive** the registration information at the registration system over the network;

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a form ...code embodied

therein for registering an electronic account over a network, the computer readable code comprising:

a **registration** transmitting module configured to transmit **registration** information from a user to a registration system over the network;  
a **registration** receiving module configured to **receive** the registration information at the registration system over the network;

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a letter transmitting module configured to...

...code embodied

therein for registering an electronic account over a network, the computer

readable code comprising:

a **registration** transmitting module configured to transmit **registration** information from a user to a registration system over the network;  
a **registration** receiving module configured to **receive** the registration information at the registration system over the network;  
a **storing** module configured to **store** the registration information in a database;

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an address retrieving module configured to retrieve a physical address of the user from an address database using the **registration** information;

a generating module configured to generate an identification verification

form using the physical address and the **registration** information;

a sending module configured to send the identification verification form to

the user at the physical address;

a notifying module...

...an electronic account over a network, the computer

readable code comprising:

an information receiving module configured to **receive** user information from a user via the network to initiate the e'lectronic account;  
a generating module...

...address database based on the user information, the

physical address corresponding to the location where the user **receives** physical mail; and

a linking module configured to link the physical address to the electronic account using...

...A computer usable medium having computer readable code embodied

therein, for initiating an electronic account over a network, the computer

readable code comprising:

a receiving module configured to **receive** **registration** information from a

user;

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a transmitting module configured to transmit the registration information from the network server to a database server;  
a **storing** module configured to **store** the registration information in a database by the database server;  
a retrieving module configured to retrieve a physical address of the user from an address database using the **registration** information;  
a generating module configured to generate by an application server, a unique electronic account number corresponding to the

**registration** information;  
a linking module configured to link the physical address to the electronic account using the unique electronic account number.

118. A computer readable medium having computer readable code embodied therein for creating - an electronic account for a user, the computer

readable code comprising:

a **registration** receiving module configured to **receive** **registration** information from the user;  
a generating module configured to generate a unique electronic account number corresponding to...

...a physical address of the user;  
a sending module configured to send a request to a certificate **authority** for an electronic certificate for the electronic account;  
a certificate receiving module configured to **receive** the electronic certificate; and  
a creating module configured to create the electronic account with the registration information...

...an electronic account for a user, the computer readable code comprising:  
an information receiving module configured to **receive** user information including a request to initiate the electronic account;  
a creating module configured to create an...

...send a validation form to the user at the physical address;  
a validation receiving module configured to **receive** a validation confirmation indicating that the user has been validated using the validation form; and  
an activating...network;

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means for receiving the registration information at the registration system over the network;  
means for **storing** the registration information in a database;  
means for retrieving a physical address of the user from an...

...address database based on the user information, the physical address corresponding to the location where the user **receives** physical mail; and  
means for linking the physical address to the electronic account using the unique electronic...

...user;  
means for transmitting the registration information from the network server to a database server;  
means for **storing** the registration information in a database by the database server;  
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means for retrieving a physical address...

...engine to determine a physical address of the user;

means for sending a request to a certificate **authority** for an electronic certificate for the electronic account;  
means for receiving the electronic certificate; and  
means for...

- ...a registration system over the network;  
receiving the registration information at the registration system over the network;  
**storing** the registration information in a database;  
retrieving a physical address of the user from an address database...
- ...the user;  
requesting, by the registration system, an electronic certificate for the electronic account from a certificate **authority** ;  
receiving the electronic certificate by the registration system; and  
linking the electronic certificate to the electronic account...
- ...information from a user to a registration system over the network;  
a registration receiving component configured to **receive** the registration information at the registration system over the network;  
a **storing** component configured to **store** the registration information in a database;  
a physical address retrieving component configured to retrieve a physical address...
- ...user;  
a requesting component configured to request an electronic certificate for the electronic account from a certificate **authority** ;  
a certificate receiving component configured to **receive** the electronic certificate by the registration system; and  
a linking component configured to link the electronic certificate...
- ...the network;  
means for receiving the registration information at the registration system over the network;  
means for **storing** the registration information in a database;  
means for retrieving a physical address of the user from an...
- ...account for the user;  
means for requesting an electronic certificate for the electronic account from a certificate **authority** ;  
means for receiving the electronic certificate by the registration system;  
and  
means for linking the electronic certificate...
- ...code embodied therein for registering an electronic account over a network, .the computer readable code comprising:  
a **registration** information transmitting **module** configured to transmit **registration** information from a user to a registration system over the network;  
a **registration** receiving **module** configured to **receive** the registration information at the registration system Over the network;  
a **storing** module configured to **store** the registration information in a database;  
a physical address retrieving module configured to retrieve a physical

address of the user from an address database using the  
registration information;  
a generating module configured to generate an identification  
verification  
form using the physical address and the registration information;  
a verification...

...user;  
a requesting module configured to request an electronic certificate for  
the  
electronic account from a certificate authority ;  
a certificate receiving module configured to receive the electronic  
certificate by the registration system; and  
a linking module configured to link the electronic certificate...

22/5,K/17 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00837837 \*\*Image available\*\*

**METHODS AND SYSTEMS FOR PROVIDING A SECURE ELECTRONIC MAILBOX**  
**PROCEDES ET SYSTEMES PERMETTANT D'OBTENIR UNE BOITE AUX LETTRES**  
**ELECTRONIQUE SECURISEE**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Room 6344,  
Washington, DC 20260-1135, US, US (Residence), US (Nationality)

Inventor(s):

COOK Jon L, 203 Yoakum Park, Apt. 1014, Alexander, VA 22304, US,  
RAY Christine, 2019 34th Street, SE, Washington, DC 20020, US,  
ROGERSON Cathy M, 7316 Wayne Drive, Annandale, VA 22003-1741, US,

Legal Representative:

GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farabow, Garrett &  
Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171463 A2 20010927 (WO 0171463)  
Application: WO 2001US8488 20010316 (PCT/WO US0108488)  
Priority Application: US 2000189983 20000317

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 20910

English Abstract

French Abstract

L'invention concerne une boite aux lettre electronique securisee fournie  
a un client detenant un compte electronique. Ce compte electronique relie  
la boite aux lettres electronique securisee a une adresse physique dudit  
client. Celui-ci peut envoyer et recevoir des messages proteges et non  
proteges par l'intermediaire de cette boite aux lettres electronique  
securisee. Ledit client peut egalement acceder a des services  
electroniques, tels que la presentation et le paiement de factures  
electroniques, au moyen de cette boite aux lettres electronique  
securisee.

Legal Status (Type, Date, Text)

Publication 20010927 A2 Without international search report and to be republished upon receipt of that report.

Declaration 20020516 Late publication under Article 17.2a

Republication 20020516 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... an electronic bill to a user with an electronic account, comprising:  
a summary receiving component configured to **receive** a summary of the electronic bill from a biller at an electronic account server via a network...

...wherein the  
electronic account of the user is linked to a physical address of the user;  
a **storing** component configured to **store** the summary of the electronic bill  
in a secure electronic storage location corresponding to the user at...

...the electronic account on the  
electronic account server via the network;  
a request receiving component configured to **receive** a request-from the user to review the electronic bill; and  
an establishing component configured to establish...

...user and the biller based on the request.  
100. Thesystemofclaim99,furthercomprising:  
a payment receiving component configured to **receive** a payment **authorization** and payment method from the user in response to the electronic bill; and  
a sending ...notifying a user with an electronic account of an electronic bill, comprising:  
a receiving component configured to **receive** bill information from a registered biller at an electronic bill payment server;  
an appending component configured to...

...for the user.  
105. The system of claim 104, further comprising:  
a notification receiving component configured to **receive** , at the electronic bill payment server, a delivery notification from the electronic account; and  
a notification transmitting...

...The system of claim 104, wherein the bill information includes advertising.  
108. Asystemforprovidingaccesstaanelectronicbillofauserwithan electronic account, comprising:  
a **storing** component configured to **store** electronic bill information about the electronic bill in the electronic account of the user at an electronic...

...account is  
linked to a physical address for the user;  
1 5 a receiving component configured to **receive** a request from the user for the electronic bill information in the electronic account;

an authenticating component...

- ...electronic account in the electronic account system is linked to a physical address of each user;
  - an **authorization** receiving component configured to **receive** , at the financial processor, payment **authorization** for an electronic bill from a user with an electronic account;
  - an **authorization** transmitting component configured to transmit the 1 5 payment **authorization** for the electronic bill from the financial processor to a payer bank of the user;a payment...
- ...for the
  - electronic bill from the payer bank to a biller bank;
  - a receiving component configured to **receive** transaction confirmation from the payer bank when the payment has been transmitted;
  - a confirmation sending component configured...
- ...account system.
  - 117. The system of claim 115, further comprising:
    - an appending component configured to append an electronic postmark to the payment **authorization** . 118. The system of claim 117, wherein the electronic postmark is a United 1 5 States Postal...
- ...user is linked to a
  - physical address of the user;
  - a bill information receiving component configured to **receive** bill information from the biller at the electronic bill payment server;
  - an appending component configured to append...
- ...bill transmitting component configured to transmit the formatted bill to the electronic account of the user;
  - an **authorization** receiving component configured to **receive** , at the financial processor, payment **authorization** for an electronic bill from the user with the electronic account;
  - 1 5 an **authorization** transmitting component configured to transmit the payment **authorization** for the electronic bill from the financial processor to a payer bank of the user;a payment...
- ...electronic bill from the payer bank to a biller bank;
  - a confirmation receiving component configured to **receive** , at the financial processor, transaction confirmation from the payer bank, when the payment has been transmitted;a...
- ...electronic bill payment for a payor over a network,
  - comprising:
    - an enrollment request receiving component configured to **receive** an enrollment request from a payor with an electronic account, 5 wherein the electronic ...account for the user, if the user is authenticated successfully;
    - an activation request receiving component configured to **receive** an account activation request from the payor at the electronic bill payment server;
    - a submitting component configured to submit the account activation request and the payor information to the biller;
    - an **authorization** receiving component configured to **receive** an account activation **authorization** from the biller;
    - 1 0 a setting component configured to set a status of the payor account to active in response to the account activation **authorization** ; and
    - a notifying component configured to notify the payor of the account



activation **authorization** .

121. A computer readable medium having computer readable code embodied therein for providing secure electronic services to...

- ...configured to establish a secure electronic storage location for the user on the network using an electronic **registration** system;  
a permitting **module** configured to permit the user to access the secure electronic storage location over the network, if the user has an electronic account on the electronic **registration** system,  
a receiving **module** configured to **receive authorization** from the user to  
approve access to the secure electronic storage location to a service provider over...
- ...1 5 account is linked to a physical address of the user;  
a receiving module configured to **receive** an electronic message addressed to the user from a sender;  
a verifying module configured to verify that the electronic message does not contain a virus;  
a **storing** module configured to **store** the electronic -message in the secure electronic storage location, once it has been verified that the electronic...
- ...an allowing module configured to allow the user to view the electronic message, if the user is **authorized** .  
123. A computer readable medium having computer readable code embodied therein for establishing electronic bill payment for a payor over a network,  
the computer readable code comprising:  
1 0 a receiving module configured to **receive** an enrollment request from a payor with an electronic account, wherein the electronic account is linked to...
- ...payment for a biller over a network,  
the computer readable code comprising:  
a receiving module configured to **receive** biller registration information from a biller;  
a processing module configured to process the. biller registration to establish...
- ...a user with an electronic account, the computer readable code comprising:  
a summary receiving module configured to **receive** a summary of the electronic bill from a biller at an electronic account server via a network...
- ...wherein the electronic account of the user is linked to a physical address of the user;  
a **storing** module configured to **store** the summary of the electronic bill in a secure electronic storage location corresponding to the user at...
- ...via the electronic account on the electronic account server via the network;  
a receiving module configured to **receive** a request from the user to review the electronic bill; and  
an establishing module configured to establish...
- ...account of an electronic bill,  
the computer readable code comprising:  
1 5 a receiving module configured to **receive** bill information from a

registered  
 biller at an electronic bill payment server;  
 86 appending module configured to...

...to an electronic bill of a user with an  
 electronic  
 account, the computer readable code comprising:  
 a **storing** module configured to **store** electronic bill information  
 about the  
 electronic bill in the electronic account of the user at an electronic...

...the electronic account is linked to a  
 physical address for the user;  
 a receiving module configured to **receive** a request from the user for  
 the  
 1 0 electronic bill information in the electronic account;  
 an...electronic account in the electronic account  
 system is linked to a physical address of each user;  
 an **authorization** receiving module configured to **receive** , at the  
 financial  
 processor, payment **authorization** for an electronic bill from a user  
 with an electronic account;  
 an **authorization** transmitting module configured to transmit the payment  
**authorization** for the electronic bill from the financial processor to a  
 payer bank of the user;  
 a payment...

...the  
 electronic bill from the payer bank to a biller bank;  
 a confirmation receiving module configured to **receive** , at the financial  
 5 processor, transaction confirmation from the payer bank when the  
 payment has been transmitted...

...user is linked to a physical  
 address of the user;  
 a bill information receiving module configured to **receive** bill  
 information  
 from the biller at the electronic bill payment server;  
 an appending module configured to append...

...bill transmitting module configured to transmit the formatted bill to  
 the  
 electronic account of the user;  
 tin **authorization** receiving module configured to **receive** payment  
**authorization** for an electronic bill from the user with the electronic  
 account;  
 an **authorization** transmitting module configured to **authorize** the  
 payment  
**authorization** for the electronic bill from the financial processor to a  
 payer bank of the user;  
 a payment...

...the  
 electronic bill from the payer bank to a biller bank;  
 a confirmation receiving module configured to **receive** , at the financial  
 processor, transaction confirmation from the payer bank, when the  
 payment has been transmitted;  
 a...

...for establishing electronic bill payment for a payor over a network,  
 the computer readable code comprising:  
 an **enrollment** request receiving module configured to **receive** an  
 enrollment request from a payor with an electronic account,  
 wherein the electronic account is linked to...

...account for the user, if the user is authenticated  
 successfully;  
 an activation request receiving module configured to **receive** an account

activation request from the payor at the electronic bill  
 payment server;  
 I 0 a submitting module configured to submit the account activation  
 request  
 and the payor information to the biller;  
 an **authorization** receiving module configured to **receive** an account  
 activation **authorization** from the biller;  
 a setting module configured to set a status of the payor account to  
 active  
 5 in response to the account activation **authorization** ; and  
 a notifying module configured to notify the payor of the account  
 activation **authorization** . 131. A system for providing secure electronic  
 services to a user on a network, the user having...  
 ...the network, if the user has an electronic account on  
 the electronic registration system;  
 means for receiving **authorization** from the user to approve access to  
 the  
 secure electronic storage location to a service provider over...  
 ...from a  
 sender;  
 means for verifying that the electronic message does not contain a virus;  
 means for **storing** the electronic message in the secure electronic  
 storage  
 location, once it has been verified that the electronic...  
 ...a virus; and  
 means for allowing the user to view the electronic message, if the user  
 is **authorized** . 133. A system for establishing electronic bill payment  
 for a payor over a  
 network, comprising:  
 means for...the electronic account of the user is linked to a  
 physical address of the user;. means for **storing** the summary of the  
 electronic bill in a secure electronic  
 storage location corresponding to the user at...  
 ...access to an electronic bill of a user with an  
 1 0 electronic  
 account, comprising:  
 means for **storing** electronic bill information about the electronic bill  
 in the  
 electronic account of the user at an electronic...  
 ...is linked  
 to a physical address of each user;  
 means for receiving, at the financial processor, payment **authorization**  
 for  
 an electronic bill from a user with an electronic account;  
 0 means for transmitting the payment **authorization** for the electronic  
 bill  
 from the financial processor to a payer bank of the user;  
 means for...  
 ...formatted bill to the electronic account of the  
 user;  
 means for receiving, at the financial processor, payment **authorization**  
 for  
 1 5 an electronic bill from the user with the electronic account;  
 means for transmitting the payment **authorization** for the electronic  
 bill  
 from the financial processor to a payer bank of the user;  
 means for...  
 ...the account activation request and the payor  
 information to the biller;  
 means for receiving an account activation **authorization** from the  
 biller;  
 means for setting a status of the payor account to active in response to

the account activation **authorization** ; and  
means for notifying the payor of the account activation **authorization** .  
141. A method for presenting electronic bill information to a user with  
an  
electronic account, comprising the...0 consolidating the electronic bills  
from the plurality of billers into a bill  
statement for the user;  
**storing** the electronic bills in a secure electronic storage location  
corresponding to the user at the electronic account...

...via the network.

142. The method of claim 141, further comprising the steps of:  
receiving a payment **authorization** from the user in response to the bill  
statement; and  
sending a payment to the biller corresponding...

...electronic bill information to a user with an  
electronic account, comprising:  
a bill receiving component configured to **receive** , from each of a  
plurality  
of billers, an electronic bill directed to the user, wherein the  
electronic...

...consolidate the electronic bills  
from the plurality of billers into a bill statement for the user;  
a **storing** component configured to **store** the electronic bills in a  
secure  
electronic storage location corresponding to the user at the  
electronic account...

...on the electronic account server via  
the network.

145. The method of claim 144, further comprising:  
an **authorization** receiving component configured to **receive** a payment  
**authorization** from the user in response to -the bill statement; and  
a sending compon ent configured to send...

...the electronic bills from the plurality of billers into  
. a bill statement for the user;  
means for **storing** the electronic bills in a secure electronic storage  
1 5 location corresponding to the user at the...

...a user with an  
electronic account, the computer readable code comprising:  
a bill receiving module configured to **receive** , from each of a plurality  
of  
billers, an electronic bill directed to the user, wherein the electronic  
...

...consolidate the electronic bills from  
the plurality of billers into a bill statement for the user;  
a **storing** module configured to **store** , the electronic bills in a  
secure  
1 0 electronic storage location corresponding to the user at the...

22/5,K/18 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00820707 \*\*Image available\*\*

SET-TOP BOX CONNECTS REMOTE CONTROL DEVICE TO WEB SITE FOR CUSTOMIZED CODE  
DOWNLOADS

COFFRET D'ABONNE RELIANT UNE TELECOMMANDE A UN SITE WEB AFIN DE PERMETTRE  
LE TELECHARGEMENT DE CODES PERSONNALISES

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA

Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

EKKEL Frederik, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
CARIS Franciscus C M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
DUBIL Thomas J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V., Prof  
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200154292 A1 20010726 (WO 0154292)  
Application: WO 2001EP473 20010117 (PCT/WO EP0100473)  
Priority Application: US 2000177309 20000121; US 2000519546 20000306; US  
2000653784 20000901

Designated States: CN IN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: H04B-001/20

International Patent Class: **G06F-003/023** ; G08C-019/28

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 5590

English Abstract

A set top box (STB) (104) is marketed together with a programmable remote (102). The remote has a dedicated button (118) to connect the STB to a specific server (108) on the Internet (106). The consumer can notify the server of his/her other consumer's equipment (114), which he/she desires to be controllable through the same remote as the one that came with the STB. The server downloads to the STB data representative of the relevant control codes. The STB is provided with means (122) to program the remote with these codes. In return the server has obtained detailed and accurate information about this consumer's equipment (114). A reliable customer base (126) can thus be built for streamlining Help Desk operations.

French Abstract

La presente invention concerne un coffret d'abonne commercialise avec une telecommande programmable. La telecommande est munie d'un bouton specialise destine a relier le coffret d'abonne a un serveur specifique sur l'Internet. Le consommateur peut notifier le serveur des autres equipements CE qu'il souhaite pouvoir commander via la meme telecommande que celle qu'il a recue avec le coffret d'abonne. Le serveur telecharge vers le coffret d'abonne des donnees representatives des codes de commande appropries. Le coffret d'abonne comprend des moyens permettant de programmer la telecommande a l'aide des codes precites. De son cote, le serveur obtient des informations detaillees et precises concernant l'equipement du consommateur. On peut de cette maniere construire une base de consommateurs fiable qui permet de rationaliser les operations des services d'assistance.

Legal Status (Type, Date, Text)

Publication 20010726 A1 With international search report.

Publication 20010726 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

International Patent Class: **G06F-003/023** ...

Fulltext Availability:

Claims

Claim

... DOWNLOADS

FIELD OF THE INVENTION

The invention relates to a business model and network architecture supporting the **interests** of network operators, **manufacturers** of IP-**connected** electronic equipment and end-users of the equipment.

BACKGROUND ART

Philips Electronics provides the SmartConnect (SM) service to end-users of CE equipment, especially equipment that is Internet- **connected** . An implementation of the SmartConnect (SM) service uses a special button on a remote control device that enables the user to directly **connect** , e.g., via a set top box (STB), to a dedicated SmartConnect (SM) web site. The site...

...be notified about the availability of this feature. If it has been decided that there is a **match** between the user profile as stored and the information about this feature, the end-user gets notified...in slowing down the trend that products become obsolete fairly 1 5 quickly, but without barring the **manufacturer** or aftermarket sales organizations from continuing doing business.

#### SUMMARY OF THE INVENTION

The inventors believe that the...

...users. To this end, the inventors propose to market a programmable, remote control device together with IP- **connected** CE equipment, e.g., a set-top box. This remote has a SmartConnect (SM) button for **connection** via the set-top box to the SmartConnect (SM) service site on the Web. The SmartConnect (SM)...

...codes and/or UI data, e.g., through an IR or RF transmitter/blaster or a serial cable **connecting** the STB to a serial port of the remote for unidirectional communication with the STB, or through...

...of the remote's hard buttons or softkeys, or their names, so as to be able to **associate** a specific code with a button. ...the proper brand, type, and version. Then, the user has to read, for example, the numerical codes **associated** with the relevant equipment and enter them into the remote. A scenario wherein the user has to...

...for the remote, and the studies show that a significant percentage of all calls made to the **manufacturer** 's Help Desk and, in case of STB's, the calls made to the Network Operator's Help Desk, are related to this programming issue. As a result significant costs are involved for the **manufacturer** and the Network Operator to provide customer support. The invention, now, makes the programmable remote of the...

...is thereupon presented with a dedicated web-site, here the SmartConnect (SM) web-site, through the IP- **connected** equipment, here the STB. After a sign-in process and an introduction to SmartConnect (SM) services, the ...

...above, the user is prompted to place the remote within range of an IR or RF blaster, **connected** to or integrated within the STB, whereupon, via the web-site, the data for the proper codes...codes and/or UI data do not exist in the database or the ones downloaded do not **match** the intended equipment. Therefore, there is an incentive for the consumer to provide accurate information. This information...

...on the consumer's home network. For example, the consumer may need support in order to correctly **connect** the proper video input/outputs on the STB to a TV monitor or HDD-based video recorder...

...it reflects which codes are useful and are requested most frequently. This again can be used by **manufacturers** and other suppliers of remote control devices in order to bundle the codes and UI aspects in most-frequently used clusters is a pre-programmed remote. Preferably, the STB or other IP- **connected** equipment is equipped with an IR or RF transmitter in the front bezel and with a range...

...to collect valuable information about the user and his/her CE equipment, as already disclosed in published **patent** applications W000 1 7789 and W00028436, mentioned above. This information can be provided to, e.g., the...

...has programmed the remote as described the SmartConnect (SM) button will stay active and pressing it will **connect** the user again with the SmartConnect (SM) portal. The remote may be provided with additional dedicated buttons for direct **connection** to other services, which in turn allows a business model for selling real estate on the remote... scenario. A STB is marketed together with a programmable remote. The remote has a dedicated button to **connect** the STB to a specific server on the Internet. The user can notify the server of his...

...the invention. System I 00 comprises a remote control device 102, and an appliance 104 that is **connected** to the Internet . Device 102 comprises a traditional remote control device with hard buttons or a touch...

...invention relates to a method of enabling a consumer to program remote control device 102, which is **associated** with appliance 104 that is I 0 Internet- **connectable** . The method comprises enabling **connecting** appliance 104, here an STB, to server 108 on the Internet 106 in response to the consumer...

...control device 102. Preferably, remote 102 has a dedicated button II 8 for allowing the consumer to **connect** STB 104 via the Internet 106 to a specific server 108. The IR or RF code transmitted...

...message to server 108. Server 108 presents a web site on a TV display monitor (not shown) **connected** to STB 104 that guides the consumer to providing certain information. The consumer interacts via STB 104... aspects. Server 108 runs a query based on the information supplied by the consumer. Upon a **match** between the information supplied and database 120, server 108 preferably prompts the consumer to confirm his/her...

...forwarded to remote 102. Remote 102 is programmed, for example, via an IR or RF blaster 122 **connected** to STB 104. In this scenario, remote 102 is positioned close to blaster 122 and with an...

...data also enables the circuitry to identify which button or input on remote 102 is to be **associated** with the code for operational use. For example, the data comprises identifying labels per code so as...

...functionalities, or appliance 104 can be upgraded through software. For example, appliance 104 allows the user to **connect** to I 0 certain web sites with conditional access upon a subscription or only if the user... equipment or obtains a new apparatus. Call Centers, not only from the Network Operator, but also from **manufacturers** or other suppliers from CE equipment for use on home networks, can be given access to the...

...104 for control of apparatus 1 14 via STB 104. STB 104 uses a wired or wireless **link** with apparatus II 4. In order to use this configuration with any kind of controllable apparatus 1...

...via STB 102 in operational use. The data gets programmed into a look-up table 204 that **associates** an input received from remote 202 with an output as programmed. The output is now the data...

...network other than the Internet can be used as well. Incorporated herein by reference are the following **patent** documents:  
- U.S. serial no. 09/519,546 (attorney docket US 0001 14) filed 03/06/00  
...activities. According to the method a customer is enabled to notify a specific party, e.g., a **manufacturer** , importer, or distributor, or a specialized service provider, of a specific commercial activity wherein he or she...

...party enables customizing, via a data network such as the Internet, the equipment of the customer as **associated** with the commercial activity.

For example, the specific activity relates to sales of merchandise via a retailer...

- ...notified, it enables customizing Internet-enabled or upgradeable electronic equipment of the customer, via the Internet, as **associated** with the specific retailer from whom the merchandise was purchased. For example, the merchandise is related to...
- ...end-user is thus obtained as an almost free byproduct of the software development phase at the **manufacturer** . - U.S. **patent** 5,819,294 (attorney docket PHA 23, 261) issued to Paul Chambers for AUTOMATIC CONFIGURATION MECHANISM FOR UNIVERSAL REMOTE. This **patent** relates to a programmable remote controller that is programmed via, e.g., a PC. In this example...
- ...sets of compressed codes. In order to program the remote, the user lets the PC find a **match** between a single pulse-code transmitted by a specific known controller on the one hand and an item in the data base on the other hand. Upon finding the **match** , the set containing the **matching** item is stored in the programmable controller as corresponding to the particular apparatus that is controllable via the specific remote. Note that the search algorithm of U.S. **patent** 5,819,291, mentioned above, can also be used with the current invention. For example, a remote of an apparatus sends a command to the STB while **connected** to the service's web site. The code gets converted into data and uploaded to the SmartConnect...
- ...commands in a data base of commands at the server in the manner specified by the Chambers' **patent** . - U.S. serial no. 09/217,414 (PHA 23,409) filed 12/21/98 for Yevgeniy Shteyn and Jan van Ee for CLUSTERING OF TASK- **ASSOCIATED** OBJECTS FOR EFFECTING TASKS AMONG A SYSTEM AND ITS ENVIRONMENTAL DEVICES. This document relates to a graphical...
- ...and methods support clustering operations respecting such taskassociated objects so as to enhance the effecting of the **associated** tasks, such clustering 1 5 operations responding to context. The clustering operations preferably are both adaptive and...they have found useful.  
CLAIMS:  
A method of enabling a consumer to program a remote control device **associated** with an appliance that is Internet- **connectable** , the method comprising: - enabling **connecting** the appliance to a server on the Internet in response to the consumer  
controlling the remote control...

22/5,K/19 (Item 19 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00811426 \*\*Image available\*\*

**METHOD AND SYSTEM FOR BLIND ELECTRONIC WARRANTY REGISTRATION**  
**PROCEDE ET SYSTEME D'ENREGISTREMENT DE GARANTIE AVEUGLE**

Patent Applicant/Assignee:

ONEWARRANTY COM INC, Suite 130, 888 Worcester Road, Wellesley, MA 02482,  
US, US (Residence), US (Nationality)

Inventor(s):

SULIMAN Douglas M Jr, 101 Lake Street, Sherborn, MA 01770, US,  
WEISS Eric L, 58 B South Street, Waltham, MA 02453, US,  
CASTANEDA Aldo F, 36 Foundry Street, Medfield, MA 02052-2702, US,

Legal Representative:

ROSENTHAL Lawrence (et al) (agent), Stroock & Stroock & Lavan LLP, 180  
Maiden Lane, New York, NY 10038, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200145013 A1 20010621 (WO 0145013)  
Application: WO 2000US34101 20001216 (PCT/WO US0034101)  
Priority Application: US 99172351 19991216



Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
((OAPI utility model)) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10157

#### English Abstract

A method and system for the electronic collection and utilization of product warranty registration information centrally receives (Fig. 2) product registration information and communicates the information to third parties with associated consumer identifiers (20) stripped of all personal consumer information to provide a secure and confidential way to register products (50) and gain the maximum support and service from manufacturers and service providers. The registration system may also be linked to external product information sources (100) to provide product notices, such as recall and safety notices, to customers.

#### French Abstract

L'invention concerne un procede et un systeme de collecte et d'exploitation electroniques d'informations d'enregistrement de garantie de produits. Ledit systeme recoit (Fig. 2) de maniere centralisee des informations d'enregistrement de produits qu'il communique a des tiers avec des identificateurs (20) de consommateurs associes debarrasses de toutes informations personnelles concernant le consommateur, une maniere sure et confidentielle d'enregistrer des produits (50) et d'obtenir des fabricants et des prestataires de services le maximum de soutien et de services. Le systeme d'enregistrement peut egalement etre relie a des sources (100) externes d'informations de produits afin de fournir des avis concernant les produits, tels que des notices de rappel et de securite, destines au consommateur.

#### Legal Status (Type, Date, Text)

Publication 20010621 A1 With international search report.

Publication 20010621 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011004 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

#### Detailed Description

... the electronic collection and utilization of product warranty registration information.

#### BACKGROUND OF THE INVENTION

Under certain laws, **manufacturers** are required to provide a warranty for the products they sell to consumers. To best serve the consumer, **manufacturers** often request that the consumer register the product with the **manufacturer** by way of a return postcard. These postcards request information such as model number, serial number, date...

...usually also requests personal information, such as, name and address of the purchaser or end user to **connect** the goods to the **interested** party. Additionally, many **manufacturers** use the return of these postcards to obtain not only personal information such as name and

address of their consumers, but demographic information to help them in their marketing and **research** and development efforts. In practice, this information is commonly gathered by third parties on behalf of **manufacturers** and at no cost to the **manufacturers**. These third parties profit from the sale of the gathered consumer data.

Because the warranty registration cards...

22/5,K/20 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00811392 \*\*Image available\*\*

TECHNIQUE FOR AGGREGATING INVESTORS FOR FUNDING OF AN INVESTMENT PRODUCT  
USING A COMPUTER NETWORK

PROCEDE PERMETTANT DE RASSEMBLER DES INVESTISSEURS AFIN DE FINANCER UN  
PRODUIT D'INVESTISSEMENT VIA UN RESEAU INFORMATIQUE

Patent Applicant/Assignee:

U-MOGUL COM INC, 3003 Exposition Boulevard, Santa Monica, CA 90404, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

FOSTER Gregory, 228 North Leighton, Brentwood, CA 90069, US, US  
(Residence), US (Nationality), (Designated only for: US)

GOLDMAN Gary, 919 Rivas Canyon Road, Pacific Palisades, CA 90272, US, US  
(Residence), US (Nationality), (Designated only for: US)

BLUE Anthony, 2802 2nd Street, Santa Monica, CA 90405, US, US (Residence)  
, US (Nationality), (Designated only for: US)

Legal Representative:

WOLF Dean E (agent), Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley,  
CA 94704-0778, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200144972 A2 20010621 (WO 0144972)

Application: WO 2000US33668 20001211 (PCT/WO US0033668)

Priority Application: US 99172364 19991216; US 2000520605 20000308

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16701

English Abstract

French Abstract

La presente invention concerne un procede permettant de rassembler une mise de capital provenant d'investisseurs individuels afin de financer des offres de fonds de placement choisies via un reseau informatique ou un reseau de donnees. Les consommateurs ou investisseurs ont acces a des offres de placement preselectionnees via l'Internet ou le World Wide Web. Le procede de l'invention facilite le rassemblement des apports de capitaux d'investisseurs individuels afin de leur permettre d'acquies des droits de propriete dans des fonds de placement choisis auxquels un investisseur individuel n'aurait peut-etre pas acces autrement. Le procede de l'invention permet a un investisseur qui a realise un apport de capital de participer activement a la gestion et a la prise de

decisions relatives a au moins une partie des produits d'investissement  
au financement desquels il a contribue ou auxquels il a souscrit.

Legal Status (Type, Date, Text)

Publication 20010621 A2 Without international search report and to be  
republished upon receipt of that report.

Declaration 20020207 Late publication under Article 17.2a

Republication 20020207 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... for investment opportunity. The statement information 812 may include  
audio/visual statements from one or more persons **associated** with a  
movie project, such as, for example, actors, actresses, **writers**,  
directors, **producers**, explaining why the movie project should be funded  
and/or the statement **maker**'s **interest** in the project. According to a  
specific embodiment, the audio/video statement may be provided via  
streaming...

22/5,K/21 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00807452 \*\*Image available\*\*

**METHODS, SYSTEMS, AND APPARATUSES FOR SECURE INTERACTIONS**

**PROCEDES, SYSTEMES ET APPAREILS POUR INTERACTIONS SECURISEES**

Patent Applicant/Inventor:

RUSSELL David, 500 Russell Street, Portsmouth, VA 23707, US, US  
(Residence), US (Nationality)

JOHNSON Barry, 351 McCormick Road, P.O. Box 400743, Charlottesville, VA  
22904-4743, US, US (Residence), US (Nationality)

PETKA David, -, US, US (Residence), US (Nationality)

SINGER Bart A, 132 Hunter Lane, Williamsburg, VA 23185, US, US  
(Residence), US (Nationality)

Legal Representative:

RUSSELL David (commercial rep.), c/o Transforming Technologies, 500  
Russell Street, Portsmouth, VA 23707, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200141032 A1 20010607 (WO 0141032)

Application: WO 2000US42323 20001129 (PCT/WO US0042323)

Priority Application: US 99168082 19991130

Designated States: AE AT AU BR BZ CA CH CN CU DE DK ES FI GB IL IN JP KR MA  
MX NO RU SE SG UA US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 31954

English Abstract

The invention is directed towards methods, systems and apparatuses, see  
figure 1, (100) for providing secure and private interactions. The  
invention provides capability for verifying the identity of a party  
initiating an electronic interaction with another party through data  
input module (140) which is verified by the identity verification module  
(150), which further includes a self-destruct mechanism (153).

Embodiments of the invention include secure methods for conducting  
transactions and for limiting the transfer and distribution of personal  
data to only those data that are absolutely necessary for the completion

of the transactions. The invention facilitates the transfer of additional personal data contingent upon an agreement that appropriately compensates the provider of the personal data.

#### French Abstract

Cette invention se rapporte a des procedes, des systemes et des appareils (100) assurant des interactions securisees et privees. Cette invention offre la capacite de verifier l'identite d'une partie initialisant une interaction electronique avec une autre partie via un module d'entree de donnees (140) qui est verifie par le module de verification d'identite (150), lequel comprend egalement un mecanisme d'autodestruction (153). Dans certains modes de realisation, cette invention concerne des procedes securises permettant d'effectuer des transactions et de limiter le transfert et la distribution de donnees personnelles, en ne fournissant que les donnees qui sont absolument necessaires pour mener a bien la transaction. Cette invention facilite le transfert de donnees personnelles additionnelles subordonnees a un accord qui compense de facon appropriee le fournisseur des donnees personnelles.

#### Legal Status (Type, Date, Text)

Publication 20010607 A1 With international search report.

Publication 20010607 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

#### Claim

- ... sufficiently matches a biometric template associated with the payer account data, and wherein the biometric template is **stored** locally on the personal identifying device. 109. A method by which a payer conveys a payment to...
- ...the device is privileged to use the device and has transference privileges to a bearer financial instrument **stored** on the personal identifying device; and transferring the bearer financial instrument to the payee. 11...
- ...purchase from a vendor, according to claim 117, wherein the graphical user interface is a simulated retail **store**. 119. A method for a customer having a customer identity to make a purchase from a...5 charged to a customer account at a customer financial intermediary; sending customer account data to a **receiver**; and receiving acknowledgment that the transaction was approved. 129. A method for a customer having a customer...
- ...device is privileged to use the device, the personal identifying device including a user input module that **receives** inputs from the user; traveling through the simulated inventory by providing inputs to the user input **module** of the personal **identifying** device. 138. A method for interacting with a simulated inventory, according to claim 137, wherein the...
- ...with a simulated inventory, according to claim 137, wherein the simulated inventory is that of a grocery **store**. 147. A method for interacting with a simulated inventory, according to claim 137, wherein the simulated inventory is that of a department **store**. 148. A method for interacting with a simulated inventory, according to claim 137, wherein the simulated inventory the simulated inventory is that of a shopping mall having multiple **stores**. 150. A method for interacting with a simulated inventory, according to claim 149, further comprising the steps...
- ...electronic shopping cart; and determining a payment amount;

wherein the electronic shopping cart tracks from which **store** each item was selected. 151. A method for interacting with a simulated inventory, according to claim...

- ...address corresponding to the payer financial intermediary;  
an information processor, the information processor being a device that **receives** signals from the personal identifying device and from the payee, wherein the information processor, upon receiving from...
- ...packet, either directly or indirectly, to the payer financial intermediary address-, and  
a financial intermediary component that **receives** the payee payment packet and transfers money from the payer account at the payer financial intermediary to...
- ...matches a biometric template  
98  
associated with the payer account data, and wherein the biometric template is **stored** locally on the personal identifying device. 159. A system by which a payer conveys a payment to a payee, according to claim 157, wherein the signals transmitted by the personal identifying device and **received** by the information processor are transmitted without wires. 160. A system by which a payer conveys a...
- ...sufficiently matches a biometric template associated with the payer account data, and wherein the biometric template is **stored** locally on the personal identifying device. 165. A system by which a payer conveys a payment to a payee, according to claim 164, wherein the signals transmitted by the personal identifying device and **received** by the information processor are transmitted without wires.  
166. A verification system, comprising:  
an actuator for performing...
- ...that the user-initiated action be taken;  
a verification processor, the verification processor being a device that **receives** signals from the personal identifying device and verifies that the identification is associated with a personal identifying device that is **authorized** to request that the user-initiated action be taken, whereupon verification, the verification processor signals the actuator ...the device by determining that a biometric sample collected from the user sufficiently matches a biometric template **stored** locally on the personal identifying device. 170. A verification system, according to claim 169 wherein signals transmitted by the personal identifying device and **received** by the verification processor are wireless. 171. A verification system, according to claim 169 wherein the verification processor verifies that the identifier is associated with a personal identifying device that is **authorized** to request that the user-initiated action be taken by consulting a certification repository database in which...
- ...according to claim 169 wherein the actuator logs the user into a computer in response to signals **received** from the verification processor. 173. A verification system, according to claim 169 wherein the actuator opens an access-way in response to signals **received** from the verification processor. 174. A verification system, according to claim 173 wherein the access-way is...
- ...A verification system, according to claim 169 wherein actuator unlocks an access-way in response to signals **received** from the verification processor.  
177. A verification system, according to claim 176 wherein the actuator unlocks a storage device in response to signals **received** from the verification processor.  
178. A verification system, according to claim 169 wherein the actuator activates a set top box in response to signals **received** from the

verification processor.

179. A verification system, according to claim 169 wherein the actuator activates a PAY-TV in response to signals **received** from the verification processor.

180. A verification system, according to claim 169 wherein the actuator activates an automated teller machine in response to signals **received** from the verification processor.

181. A verification system, according to claim 169 wherein the actuator initiates a phone call in response to signals **received** from the verification processor.

182. A verification system, according to claim 169 wherein the actuator initiates a session at an information kiosk in response to signals **received** from the verification processor.

183. A verification system, according to claim 166, wherein the actuator controls the...

...device including a transmitter that transmits signals to the simulated inventory controller, a user input module that **receives** inputs from the user, and a processor that processes the inputs and provides corresponding signals to the...

22/5,K/22 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400  
Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 170977

English Abstract

French Abstract

On decrit un systeme, un procede et un article manufacture qui  
constituent une structure de chaine d'approvisionnement fondee sur le

reseau. L'installation d'un service est geree au moyen d'un reseau. La demande et l'approvisionnement des offres de fabricant sont planifies au moyen du reseau et les commandes relatives aux offres du fabricant sont egalement gerees au moyen du reseau. Le reseau est egalement utilise pour gerer les actifs sur le reseau, y compris pour effectuer la maintenance et le service pour les actifs de reseau au moyen du reseau.

Legal Status (Type, Date, Text)

Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date  
Declaration 20020725 Late publication under Article 17.2a  
Republication 20020725 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... 5 is a schematic illustration of the relationship between areas of core competence of both operators and **manufacturers** for creating an environment for new business relationships in accordance with an embodiment of the present invention...each trade;  
Figure 140 is a flow chart illustrating data processing upon receipt of a new market **maker**  
quotation from the bandwidth market system;  
Figure 141 is a block diagram of a bill pay system...

22/5,K/23 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**

**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

Patent Applicant/Assignee:

E-BRAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WARREN Peter, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405, US, GB (Residence), GB (Nationality), (Designated only for: US)  
LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village Trace, Suite 300, Marietta, GA 30067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-017/22**

Publication Language: English

Filing Language: English

Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 275671

#### English Abstract

A universal data and software structure and method for an Any-to-Any computing machine in which any number of any components can be related to any number of any other components in a manner that is not intrinsically hierarchical and is intrinsically unlimited. The structure and method includes a Concept Hierarchy; each concept or assembly of concepts is uniquely identified and assigned a number in a Numbers Concept Language or uniquely identified in a Non-numbers Concept Language. Each Component or assembly of Components is intrinsically related to all other data items that contain common or related components.

#### French Abstract

L'invention concerne une structure de donnees et de logiciel universelle ainsi qu'un procede de machine informatique toute categorie dans laquelle des composants, quels qu'ils soient et quel que soit leur nombre, peuvent etre rattaches a d'autres composants, quels qu'ils soient et quel que soit leur nombre, d'une maniere intrinsequement non hierarchisee et intrinsequement illimitee. La structure et le procede comportent une hierarchie conceptuelle; chaque concept ou ensemble de concepts est identifie de maniere unique et recoit un numero dans un langage conceptuel de nombres ou dans un langage conceptuel de non-nombres. Chaque composant ou ensemble de composants est intrinsequement rattache a tous les autres elements de donnees qui contiennent des composants communs ou associes.

#### Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20020808 Late publication of international search report  
Republication 20020808 A3 With international search report.

Main International Patent Class: G06F-009/44

International Patent Class: G06F-017/22

Fulltext Availability:  
Claims

#### Claim

... interface for communicating with the language processing system 18, which, like the interface output logic, is also **stored** in the Data Relation Table itself. The Data Relation Table 17 may 1 0 also contain a ...YES" branch is followed to step 108, in which the interface control system 14 activates new user **registration modules** that request various information of the new user, such as the user's experience level, view preferences...

...the current user. Upon displaying the user interface type, the interface control system 14 is ready to **receive** a natural language block from the user at step 116. Thus, step 112 is followed by step 114, in which the interface control system 14 **receives** a natural language block from the user. Step 112 is followed by routine 114, in which the language block parses the command **received** from the user and converts the command to Numbers Concept Language (NCL). This language conversion, which is...

...additional information. Step 122 is followed by step 114, in which the interface control system 14 again **receives** a natural language block (this time in response to the prompt) and passes the block on to the language processing system 18 at routine 116. (in practice, commands can be **received** from either natural language entry or from entries made into specific fields on the screen directly). Again...

...126 is followed by the "CONTINUE" step, at which point the Any-to-Any machine 10 may **receive** another command or perform any other function



for which it is configured. With suitable Modules, the Any...Data Specification need to be identified so that they can be recorded and used. But even before **identifying** the types of data to be required, it is first desirable to invent a system to copy...the separate and different Data Classes that exist for the intended application.

0 Concept Language Requirements. E. **Identifying** Data Classes

The Any-to-Any machine has two methods to identify Data Classes, and the choice...Consider the following, given as a statement - i.e. data - for a computer to record and otherwise **take** no action: 'stop printing.' No action is required, and therefore the word does. not mean 'you & now...' the Any-to-Any machine, is also a seamless, non-hierarchical whole, much as a person's **memory** is a seamless, non-hierarchical whole.

167

Because software 'packages' no longer exist as such in software...

...same p attern and are intrinsically integrated to begin with.

Additionally, Any data that is entered or **stored** in the Any-to-Any machine can be related, fluidly and easily, by the user, without programmer intervention, to Any other data that is entered or **stored** in an application built with Any-to-Any machine methods. Any one example -of software built with...human-like interface, is sometimes confused by terminology that is used in a conflicting manner by different **writers** . Sometimes, gnatural language' is defined as 'being able to dictate to voice recognition software without pauses between...

...It is defined as: 'the subject of being able to give an order to a computer, and **receive** communications from the computer, in the same language one would use to give that order to another human or **receive** communications from that human concerning the order.' The term 'Normal Language' does not imply that orders are...

...the computer. For example, if a computer is asked "How old is CharlesT the user expects to **receive** a return communication in Normal Language, such as lorty-two'. 0 He does not want to get...of mechanisms needed to control the screen and'other input mechanisms so as to be able to **receive** input from a human being in an adequate manner to enable the input to be processed 0...

22/5,K/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00801756 \*\*Image available\*\*

SYSTEM FOR AUTOMATING AND MANAGING AN ENTERPRISE IP ENVIRONMENT

SYSTEME DESTINE A AUTOMATISER ET A GERER UN ENVIRONNEMENT DE PROPRIETE INTELLECTUELLE D'ENTREPRISE

Patent Applicant/Assignee:

MINDMATTERS TECHNOLOGIES INC, 2737 226th Avenue NE, Redmond, WA 98053, US  
, US (Residence), US (Nationality)

Inventor(s):

GABRICK John J, 824 White Oak Circle, Pittsburgh, PA 15228, US,  
ELSTON Cassius A Jr, 2737 226th Avenue NE, Redmond, WA 98053, US,

Legal Representative:

DWYER Patrick M (agent), Mindmatters Technologies, Inc., Suite 114, 1818 Westlake Avenue N, Seattle, WA 98109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135277 A1 20010517 (WO 0135277)

Application: WO 2000US30868 20001110 (PCT/WO US0030868)

Priority Application: US 99165140 19991112; US 2000687510 20001012; US 2000706513 20001103

Designated States: CA CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

## Detailed Description

### Claims

Fulltext Word Count: 18330

### English Abstract

A system for streamlining the process of creating, preserving and protecting proprietary assets. The system identifies, classifies, compiles, tracks and routes real-time data automatically on a continuous basis, and provides instant access to stored database information, such as trade secret archives (trade secrets), patent filings, computed valuations (rules classes logs), user information and a variety of detailed reports. An employee has instant access to her latest innovations and proprietary materials, and constant supervision over them.

### French Abstract

La presente invention concerne un systeme destine a rationaliser le procede de creation, de preservation et de protection d'actifs propres. Le systeme identifie, classe, compile, suit et achemine des donnees en temps reel de maniere continue, et permet d'avoir un acces instantane a une information de base contenue dans une base de donnees, telle que des archives de secrets commerciaux (secrets commerciaux), des depots de brevets, des evaluations calculees (registres de classes de regles), une information utilisateur et une variete de rapports detailles. Un employe peut acceder instantanement a ses dernieres innovations et materiaux propres, et avoir une supervision constante sur eux.

### Legal Status (Type, Date, Text)

Publication 20010517 A1 With international search report.

Publication 20010517 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011025 Request for preliminary examination prior to end of 19th month from priority date

Correction 20020516 Corrected version of Pamphlet: pages 1-48, description, replaced by new pages 1-48; pages 49 and 50, claims, replaced by new pages 49 and 50; pages 1/96-96/96, drawings, replaced by new pages 1/91-91/91; due to late transmittal by the receiving Office

Republication 20020516 A1 With international search report.

Main International Patent Class: **G06F-017/30**

### Fulltext Availability:

Detailed Description

Claims

### Detailed Description

... disclosure the following is provided.

A system for web based development and exploitation of IP, with an **innovator attraction module**, a **developer attraction module**, a **registration module**, and a **match module** is disclosed. The **registration module** is adapted to **accept** and **store** dated related to an **innovator** and the **innovator's innovation** in an **innovation database**, and the **match module** is adapted to **match** a registered **innovation** and **innovator** with a **developer** having stated requirements and resources for development.

A method of web based development and exploitation of IP...

...following steps is disclosed.

- a. attracting a plurality of innovators, each having at least one innovation;
- b. **attracting** at least one **developer**, the **developer** having stated requirements and verifiable resources for development of IP;
- c. registering **innovation** data related to an **innovation** in a database

on a  
storage medium **connected** to an information network;  
d. registering **developer** data related to the **developer** 's stated  
requirements and verifiable resources for development of IP in a  
database on a storage medium **connected** to the information network;  
e. making **innovation** data available to a **developer** and **developer**  
data  
available to at least one **innovator** .

22

A number of different kinds of users are contemplated for the system and  
methods disclosed. Users...

Claim

... 8 A system for web based development and exploitation of IP, the  
system  
comprising:  
a. an innovator **attraction** module;  
b. a **developer attraction** module ;  
49  
C. a **registration** module ;  
d. a **match** module ;  
whereby the **registration** module is adapted to **accept** and **store**  
dated related to an **innovator** and the **innovator** 's **innovation** in an  
**innovation** **database** , and further whereby the **match** module is adapted  
to **match** a registered **innovation** and **innovator** with a **developer**  
having stated requirements and resources for development.

9 The system of Claim 8, wherein the database is...

22/5,K/25 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00789597 \*\*Image available\*\*

**METHODS AND APPARATUS FOR DELIVERING COMPARATIVE SHOPPING INFORMATION  
WITHIN AN INTERACTIVE COMMUNICATIONS NETWORK  
PROCEDE ET DISPOSITIF DE REMISE D'INFORMATIONS COMPARATIVES D'ACTES D'ACHAT  
A L'INTERIEUR D'UN RESEAU DE COMMUNICATIONS INTERACTIVES**

Patent Applicant/Assignee:

DEALTIME COM, 475 Fifth Avenue, New York, NY 10017, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

JANZ Christoph, Richard-Arnold-Strasse 4, 71642 Ludwigsburg, DE, DE  
(Residence), DE (Nationality)

MUNCHHOFF Christopher, Werderstrasse 23, 69120 Heidelberg, DE, DE  
(Residence), DE (Nationality)

Legal Representative:

ABITZ Walter (et al) (agent), Abitz & Partner, Postfach 86 01 09, 81628  
Munchen, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200122255 A2-A3 20010329 (WO 0122255)

Application: WO 2000IB1437 20000915 (PCT/WO IB0001437)

Priority Application: US 99154626 19990917; US 99473499 19991228

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims  
Fulltext Word Count: 20611

English Abstract

Apparatus for delivery of comparative shopping information within an interactive communications network comprise at least one comparative shopping server system that interacts through the network with one or more comparative shopping client systems, and that also interacts through the network with one or more online shops such that the prices of the offers for the same product from a plurality of competing online shops may be compared, and such that, optionally, one or more other customer service attributes (e.g., the estimated total delivery time for the product) may also be compared; furthermore, the information delivered may optionally be customized for each individual user of the system, such that other offer parameters (e.g., shipping costs) are calculated and may also be compared. In the most preferred embodiment, the invention is implemented on the interactive computer communications network known as the Internet. Methods for delivering comparative shopping information within such networks are also disclosed.

French Abstract

La presente invention concerne un dispositif de remise d'informations comparatives se rapportant a des actes d'achat a l'interieur d'un reseau de communications interactives. Ce dispositif comporte au moins un systeme serveur d'achats comparatifs qui est en interaction via le reseau avec au moins un systeme client d'achats comparatifs, et qui est egalement en interaction via le reseau avec au moins un magasin en ligne de facon qu'on puisse, d'une part comparer les prix proposes a la vente pour le meme produit par une pluralite de magasins en ligne, et d'autre part, eventuellement que l'on puisse comparer au moins un attribut de service client, par exemple le delai estime de livraison du produit. En outre, l'information fournie peut etre eventuellement personnalisee pour chaque utilisateur du systeme, de facon que les autres parametres de l'offre, par exemple les frais d'expedition, soient calcules et puissent etre compares. Selon le mode de realisation le plus prefere, l'invention est mise en oeuvre sur le reseau interactif de communications entre ordinateurs connu sous le nom d'Internet. L'invention concerne egalement un procede de fourniture d'information d'achats comparatifs dans le cadre de tels reseaux.

Legal Status (Type, Date, Text)

Publication 20010329 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010705 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020620 Late publication of international search report  
Republication 20020620 A3 With international search report.

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Claims

Claim

... for said product.

104. The system of claim 103 further comprising a registration module for obtaining, registering, **storing** and maintaining a separate compilation of data for each said user thereof, said data compilation comprising, for each said user, data concerning the location at which the user desires to **receive** shipment of products purchased online, the system utilizing said data to calculate additional sales offer costs associated...

...each respective comparative sales offer and

PCT/IB00/01437

the taxes imposed by at least one governmental **authority** that may be applicable to the potential purchase transaction represented by each

respective comparative sales offer.  
107...

- ...106 wherein, said data compilation is  
5 registered and maintained by said server module, and is **stored** on  
said server station.  
108. The system of claim 107 wherein, for each said user, said data...
- ...one of said at least one client computers from which the respective one  
of said requests was **received** by said server computer. 1 1 2. The  
storage medium of claim 1 1 1 wherein said...server computer to the at  
least one client computer from which said  
at least one request was **received** by said server computer, and  
(f) displaying said information about said comparative sales offers on  
20 said...
- ...computer comprises a plurality of client computers.  
115. The storage medium of claim 114 wherein said computer process  
further comprises -the steps of obtaining, registering,, **storing** and  
thereafter 5 maintaining on said server computer a compilation of data ,  
for each user of the...server computer to the at least one client  
computer from which said  
at least one request was **received** by said server computer, and  
5 (f) displaying said information about said comparative sales offers on  
said...
- ...medium of claim 1 1 9 wherein said computer process  
further comprises the steps of obtaining, registering, **storing** and  
thereafter maintaining on said server computer a compilation of data for  
each user of the process...transferred in step (e) to the respective  
client from which the identifying information about said product was  
**received** in step (b).  
126. The method of claim 125 wherein steps (a) through (f) are  
performed disjunctively...said product, and  
(d) repeating steps (b) and (c) each time each said user's browser  
module **receives** a sales offer for a product.  
134. The method of claim 133 wherein step (d) comprises repeating  
1 0 steps (b) and (c) each time each said user's module **receives** a  
first sales offer for a product.  
135. The method of claim 134 wherein said at least...module.  
151. The method of claims 132, 141 or 150 further comprising the  
steps of obtaining, registering, **storing** and thereafter maintaining on  
a said server station a compilation of data for each said user, said...
- ...costs associated with each respective comparative sales offer and  
the taxes imposed by at least one governmental **authority** that may be  
1 0 applicable to the potential purchase transaction represented by each  
respective comparative sales...
- ...of claim 152 wherein said data compilation is  
registered and maintained by said server module, and is **stored** on said  
server station.  
1 5 154. The method of claim 153 wherein for each said user...

22/5,K/26 (Item 26 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00752904 \*\*Image available\*\*

A METHOD AND SYSTEM FOR REQUESTERS TO SELECT A PROVIDER  
PROCEDE ET SYSTEME PERMETTANT AUX DEMANDEURS DE SERVICES DE SELECTIONNER UN  
FOURNISSEUR DE SERVICES

Patent Applicant/Assignee:

HOMEGAIN COM, 1250 45th Street, Suite 360, Emeryville, CA 94608, US, US  
(Residence), US (Nationality)

Inventor(s):

INMAN Bradley J, 5124 Cochrane Avenue, Oakland, CA 94618, US,  
INMAN Kristina S, 5124 Cochrane Avenue, Oakland, CA 94618, US,

Legal Representative:

MILLIKEN Darren J (et al) (agent), Blakely, Sokoloff, Taylor & Zafman  
LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200065761 A2-A3 20001102 (WO 0065761)

Application: WO 2000US11029 20000424 (PCT/WO US0011029)

Priority Application: US 99298622 19990423

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6304

English Abstract

A method for soliciting proposals from service providers includes creating a personal profile for a service requester (110), which is stored in a database. An anonymous request for service from the personal profile is created and sent to one or more service providers (140). Submitted proposals are then reviewed by the requester.

French Abstract

La presente invention concerne un procede permettant de solliciter des propositions de la part des fournisseurs de services. Ce procede consiste a creer un profil personnel pour un demandeur de services, comprenant notamment le type de services demandes. Ce profil est memorise dans une base de donnees. Une demande anonyme de services est ensuite creee a partir du profil personnel, puis envoyee a un ou a plusieurs fournisseurs de services. Les fournisseurs de services repondent alors a la demande par une proposition. La proposition est organisee de sorte que le demandeur de services puisse selectionner un fournisseur sur la base d'informations objectives. Le demandeur etudie les propositions et peut decider de choisir un fournisseur de services.

Legal Status (Type, Date, Text)

Publication 20001102 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20010405 Late publication of international search report

Republication 20010405 A3 With international search report.

Examination 20010614 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-017/00**

Fulltext Availability:

Claims

Claim

... requester.

20 The article of claim 19, further comprising:  
computer readable means for sending a message of **acceptance** from the service requester to one of the service providers.

/13

SERVICE

REQUESTER NETWORK SERVER

110 120...

...210 SERVER SYSTEM

240

USER INTERFACE 241

215 CPU

KEYBOARD COMPUTER READABLE

MEDIUM 242

DISPLAY n A3

**ENROLLMENT** MODULE 244

ANONY

COMPUTER READABLE 230 MOUS REQUEST MODULE

MEDIUM 220 SERVICE PROV@IIDER

10 U@

221 DISTRIBUTION...

...REQUESTERS

SERVICE PROVIDERS

FIG\* 2

SUBSTITUTE SHEET (RULE26)

/13

DISPLAY A WELCOME MESSAGE 310

TO A USER

**RECEIVE** AN ENROLLMENT 320

SIGNAL FROM THE USER

DISPLAY AN ENROLLMENT FORM 330

TO THE USER

**RECEIVE** A PERSONAL PROFILE 340

INCLUDING PERSONAL

INFORMATION ABOUT THE USER,

AND INFORMATION ABOUT THE

SERVICE THAT IS NEEDED

350

**STORE** THE PERSONAL PROFILE

IN A DATABASE

FIG. 3A

SUBSTITUTE SHEET (RULE26)

/13

CREATE AN ANONYMOUS 360

REQUEST FOR SERVICE FROM

THE PERSONAL PROFILE

SEND THE ANONYMOUS 370

REQUEST TO ONE OR MORE

SERVICE PROVIDERS

**RECEIVE** PROPOSALS FROM THE 380

SERVICE PROVIDER

ORGANIZE THE INFORMATION ...your house and send HomeGain.com a detailed  
pp, proposal of their services and costs.

You'll **receive** any proposals HomeGain.com **receives** by E-mail Compare  
agent proposals and agent profiles without pressure. 11110. If you see  
any proposals...

...or agents) yourself by E-mail or telephone. This service costs you  
nothing, and is designed to **save** pool you time and money in the long  
run.

Privacy Policy Terms of Use Fair Housing Contact Us

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FIG\* 4

SUBSTITUTE SHEET (RULE26)

/13

Demo 7Heip Center

March 9,1999

Next...

...Limfted Service

Zipcode Experienoe=Listing/States/Burgers(USIB), listings in Zipcode,  
Sales in Zipcode, Buyers in Zipcode. **Copyright** 1999 HomeGain.com, Inc.

FIG\* 5

SUBSTITUTE SHEET (RULE26)

/13  
Demo 7Help center  
0.Benefits Real Estate...

...to Sell -Get Top Dollar for Your Home (5-part series)  
- What is a CIVIA?  
Free home **save** - How Do I Fix up A Home To Sell  
info - Should a Seller Order a Pre-sale...

...Work?  
hat are the pitfalls of marketing a property  
0 Tools before it's ready?  
Free home **save** - Why should sellers be absent d"n  
info showings  
ClAbout Us - What should I do if my home isn't selling?  
- Is it wise to take my home off the market  
Free home **save** for the holidays  
info  
Terms of use The Transaction  
- Purchase Contract Basics  
- Is it wise to **accept** a contingent sale offer?  
- When should termite work be done?  
- How Iona should a seller wait to hear offers  
- How do buy a home before selling the old  
one?

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FIGe 6  
SUBSTITUTE SHEET (RULE26)

/13

Benefits F ome Seller

Tools

Library (IMAGE...

...sale

Home Seller

Tools

What is your home Privacy Policy Terms of Use. Fair Housing Contact Us

**Copyright** 1999, HomeGain.com, Inc.

FIG\* 7

SUBSTITUTE SHEET (RULE26)

/13

Demo 7@11elp Center

0 Benefits Seller...

...common questions a seller will have regarding the sale control of their  
property.

01LOWto Sell

Free home **save** Appraisals & Market Value

info Deed in Lieu of Foreclosure

0 Library Disclosure

Article Escrow & Closing Costs

Ask...

...Lease Options

Learn the Lina Negotiding

Pricing the House to Sell

0 Tools PropeM Taxes

Free home **save** Seller Financing

info Short Sales

Tax Considerations

0 About Us Working with a Real Estate Agent

Free home **save** Whom to Contact

info Common Q&A About Sellina Your Home

Terms of use

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FIGe 8

SUBSTITUTE SHEET (RULE26)

/13



HomeSeller  
welcome + HomeSeller  
Upsell Logon  
Next Steps...

...Control Center  
FIG\* 9  
SUBSTITUTE SHEET (RULE26)  
/13  
DISPLAY A WELCOME MESSAGE 1010  
TO A SERVICE PROVIDER  
RECEIVE AN ENROLLMENT 1015  
SIGNAL FROM A SERVICE  
PROVIDER  
DISPLAY AN ENROLLMENT FORM 1020  
TO THE PROVIDER  
RECEIVE A PERSONAL PROFILE 1025  
FROM THE PROVIDER  
STORE THE PROFILE IN A 1030  
DATABASE  
FIG. 10A  
SUBSTITUTE SHEET (RULE26)  
/13  
RECEIVE A REQUEST FOR 1035  
SERVICE  
SEND AN ANONYMOUS REQUEST 1040  
FOR SERVICE TO THE PROVIDER  
RECEIVE A PROPOSAL FROM THE 1045  
PROVIDER  
ORGANIZE THE INFORMATION IN 1050  
THE PROPOSAL  
DISPLAY THE ORGANIZED 1055...

22/5,K/27 (Item 27 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00748839 \*\*Image available\*\*

**SECURE ONLINE MUSIC DISTRIBUTION SYSTEM**  
**SYSTEME DE DISTRIBUTION EN DIRECT ET SUR DE MUSIQUE**  
Patent Applicant/Assignee:

LIQUID AUDIO INC, 2221 Broadway Street, Redwood City, CA 94063, US, US  
(Residence), US (Nationality)

Inventor(s):

WISER Philip R, 3916 22nd Street, San Francisco, CA 94114, US  
CHERENSON Andrew R, 814 Jordan Avenue, Los Altos, CA 94022, US  
ANSELL Steven T, 302 Sequim Common, Fremont, CA 94539, US  
CANNON Susan A, 2458 Woodland Avenue, San Jose, CA 95128, US

Legal Representative:

IVEY James D, Law Offices of James D. Ivey, 3025 Totterdell Street,  
Oakland, CA 94611-1742, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062265 A1 20001019 (WO 0062265)  
Application: WO 2000US9273 20000407 (PCT/WO US0009273)  
Priority Application: US 99289513 19990409

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G07F-019/00

International Patent Class: G07F-017/16; **G06F-017/60**

Publication Language: English

Filing Language: English  
Fulltext Availability:  
    Detailed Description  
    Claims  
Fulltext Word Count: 22185

#### English Abstract

A secure music distribution system securely distributes digital products such as music, video, and/or computer software along with related media over a public telecommunications network, such as the Internet, employing a client-server architecture. The digital products are stored and controlled by a content manager computer system and are sold by separate merchant computer systems. The secure music distribution system includes a music distribution center which operates with any number of client systems and with any number of merchant systems. The music distribution center includes a content manager and at least one delivery server. The content manager maintains a media information database, a master media file system, and a transaction database. In addition, the music distribution center interfaces with a media licensing center, which in turn communicates with one or more distributed rights agent servers and the merchant servers. The merchant server executes in a merchant computer system, which also includes an HTTP (Hyper Text Transfer Protocol) server. The merchant servers interface with various payment processing systems. The client systems include a media player and a Web browser. Additional delivery servers and media licensing centers operate independently and externally to the music distribution center and interface with the music distribution center.

#### French Abstract

Ce systeme de distribution sur de musique distribue des produits numeriques tels que de la musique, de la video et/ou des logiciels informatiques, avec des medias associes, sur un reseau public de telecommunications, tel que l'Internet, au moyen d'une architecture client/serveur. Les produits numeriques sont stockes et geres par un systeme informatique de gestion de contenus et sont vendus par des systemes informatiques marchands separees. Ce systeme de distribution sur de musiques comprend un centre de distribution de musiques qui fonctionne avec n'importe quel nombre de systemes clients et avec n'importe quel nombre de systemes marchands. Le centre de distribution de musiques comporte un gestionnaire de contenus et au moins un serveur de distribution. Le gestionnaire de contenus conserve une base de donnees d'informations sur les media, un systeme de fichier maitre relatif aux media et une base de donnees de transactions. En outre, ce centre s'interface avec un centre d'octroi de licences aux medias, le centre d'octroi communiquant a son tour avec au moins un serveur de mandataires des droits distribues et avec les serveurs marchands. Le serveur marchands fonctionne dans un systeme informatique marchands, lequel comprend egalement un serveur HTTP (protocole de transfert de documents hypertextuels). Les serveurs marchands s'interfacent avec divers systemes de traitement de paiements. Les systemes clients comprennent un lecteur multimedia ainsi qu'un navigateur Web. Des serveurs supplementaires de distribution et d'octroi de licences aux medias fonctionnent de maniere independante et exterieure, par rapport au centre de distribution de musiques, et s'interfacent avec ce dernier.

#### Legal Status (Type, Date, Text)

Publication	20001019	A1	With international search report.
Publication	20001019	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010215		Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: **G06F-017/60**

Fulltext Availability:  
    Detailed Description

#### Detailed Description

... of media player I 1 6, and during playback of audio data. During registration, Web browser 128 **receives** a registration file via an SSL connection from passport generation module 1210 of media **licensing** center I 1 0. The registration file contains the data to be used in a user's passport, and is **stored** locally in the client computer 124. The registration file is not encrypted in this illustrative embodiment. Web browser 128 invokes media player 1 1 6 providing the file name and path of this **registration** file. Passport management **module** 1302 retrieves from this registration file the passport data and encrypts the passport data with a user...

...1302 is used to first decrypt the passport using the passphrase, and to decrypt the media key **stored** therein using the user's private key. The media key is then used by playback module 1316...

22/5,K/28 (Item 28 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00731141 \*\*Image available\*\*

#### SIMPLIFIED ADDRESSING FOR PRIVATE COMMUNICATIONS ADRESSAGE SIMPLIFIE POUR COMMUNICATIONS PRIVEES

Patent Applicant/Assignee:

PRIVATE EXPRESS TECHNOLOGIES PTE LTD, 21 Science Park Road, #03-28 The  
Aquarius, Singapore Science Park II, Singapore 117628, SG, SG  
(Residence), SG (Nationality)

Inventor(s):

TOH Eng-Whatt, Blk. 27, Balam Road, #16-31, Singapore 370027, SG  
SIM Peng-Toh, Blk. 103, Bukit Batok Central, #03-233, Singapore 650103,  
SG

Legal Representative:

HENRY GOH (S) PTE LTD, P.O. Box 183, Toa Payoh Central, Singapore 913107,  
SG

Patent and Priority Information (Country, Number, Date):

Patent: WO 200044128 A1 20000727 (WO 0044128)  
Application: WO 2000SG1 20000111 (PCT/WO SG00000001)  
Priority Application: US 99115626 19990112; US 99332358 19990610

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-009/30

International Patent Class: H04L-009/08; H04L-029/06; **G06F-001/00**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 6859

#### English Abstract

A system for securely transmitting an information package (10) to an addressee via a network (108) includes a directory interface (110) adapted to check a directory (112) to determine whether the addressee has a public key; an escrow key manager (116), coupled to the directory interface (110), adapted to provide an escrow encryption key for encrypting the package (10); an encryption module (114), coupled to the escrow key manager (116), adapted to encrypt the package (10) with the escrow encryption key; a computer-readable medium (118), coupled to the encryption module (114), adapted to store the package (10) in escrow for the addressee; a notification module (120), coupled to the

computer-readable medium (118), adapted to send a notification to the addressee via the network (108); a key registration module (124), coupled to the notification module (120), adapted to issue, in response to the addressee acknowledging the notification, new public and private keys to the addressee; and a transmission module (122), coupled to the key registration module (124) and to the computer-readable medium (118), adapted to transmit the package (10) to the addressee via the network (108).

#### French Abstract

Cette invention se rapporte a un systeme servant a transmettre en mode securise un paquet d'informations (10) a un destinataire via un reseau (108) et comprenant a cet effet une interface de repertoire (110) destinee a verifier un repertoire (112) pour determiner si le destinataire possede une cle publique; un gestionnaire de cle entiercee (116), couple a l'interface de repertoire (110) et destine a fournir une cle de cryptage entiercee pour le cryptage du paquet (10); un module de cryptage (114), couple au gestionnaire de cle entiercee (116) et destine a crypter le paquet (110) a l'aide de la cle de cryptage entiercee; un support lisible par ordinateur (118), couple au module de cryptage (114) et destine a stocker le paquet (10) en mode entiercee pour le destinataire; un module de notification (120) couple au support lisible par ordinateur (118) et destine a envoyer une notification au destinataire via le reseau (118); un module d'enregistrement de cle (124), couple au module de notification (120) et destine a emettre, en reponse au destinataire accusant reception de la notification, de nouvelles cles publiques et privees a l'intention du destinataire; et un module de transmission (122) couple au module d'enregistrement de cle (124) et au support lisible par ordinateur (118) et destine a transmettre le paquet (110) au destinataire via le reseau (108).

#### Legal Status (Type, Date, Text)

Publication 20000727 A1 With international search report.

Publication 20000727 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20000921 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: **G06F-001/00**

#### Fulltext Availability:

Claims

#### Claim

... Receiving System

124 126

Key lo Decryption

Registration Module

Module 106

Information 10

Package

Fig. 1

Addressable **Memory**

110 114 J'212

Directory Interface Encryption Module

t

20 202 206

Storage Device CPU Network Interface

A L

i 08

208 210

Display Device Input Device

Fig. 2

a02

**Receive** e-mail

address of

addressee 100  
M 102  
Sending System  
304  
Public Key Search for public  
Directory key of...

...Retrieve escrow Encrypt  
key, encrypt and pack 8 and  
send to server send to  
108 108  
335 104  
Store rver System  
New Public I  
Key in 328 3 0  
Directory Store package in Store as regular  
escrow package  
132 108 108 214  
Addressee  
receives and Addressee  
floe Notify Address C ofify addressee receives and  
acknowledges to register o(package acknowledges  
notification notification  
106 106  
S em  
Rec C@ 1  
(UO...

...user private  
Fig. 3  
122  
(, @P@i--Cryption Modu ransmission Module  
342  
344 108 etrieve escrow  
Receive escrow m4 package based on  
Package authentication and  
send to decryption  
module  
etretv crow  
decry key  
348  
Decrypt with  
escrow decryption  
@ey  
Fig. 4  
126 122  
Cryption Modu e Transmission Mod  
356 108  
Receive escrow Retrieve escrow  
package package based on  
Authentication  
Retreive  
descryp  
and d  
358 Re-encryp.t using...

...00/00001  
A. CLASSIFICATION OF AUEWECTMATTER  
IPC 7 H04L9/30 H04L9/08 H04L29/06 G06FI/00  
According to International Patent Classification (IPC) or to both  
national classification and IPC  
0 FIELDS SEARCHED  
Minirnum documentation searched (classification system...

00539969      \*\*Image available\*\*

**REQUIREMENTS MATCHING**

**MISE EN CORRESPONDANCE DES BESOINS**

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,  
MILES Andrew John Mark,  
VIDELO Ian David Edmund,  
STEWART Simon,

Inventor(s):

MILES Andrew John Mark,  
VIDELO Ian David Edmund,  
STEWART Simon,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003342 A1 20000120 (WO 0003342)

Application: WO 99GB2062 19990630 (PCT/WO GB9902062)

Priority Application: EP 98305421 19980708; GB 9814836 19980708

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: **G06F-017/60**

International Patent Class: **G06F-017/30**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16790

**English Abstract**

A requirements matching broker is provided for use in a requirements matching system. The broker receives messages from users or from other brokers, conveying a statement of requirements, via a communications network interface. The broker includes a store and means to store predetermined rules for routing received messages. A rule includes a statement of requirements and the identity of a corresponding destination. On receipt of a message, the broker performs a comparison of a statement of requirements conveyed by the message with a statement of requirements contained within a stored routing rule. On finding a match, the broker identifies, from the matching routing rule, the identity of a destination for routing the received message and transmits the message to the identified destination via the network interface.

**French Abstract**

L'invention concerne un courtier de mise en correspondance des besoins intervenant dans un systeme de mise en correspondance des besoins. Via une interface de reseau de communication, le courtier recoit de la part des utilisateurs et des autres courtiers differents messages specifiant un etat des besoins. Le courtier comprend une memoire et des fonctions qui permettent d'enregistrer des regles preetablies relatives a l'acheminement des messages recus. Une regle renferme un etat des besoins et l'identite d'une destination correspondante. A la reception d'un message, le courtier fait la comparaison entre un etat des besoins figurant dans le message et un etat des besoins figurant dans la regle d'acheminement enregistree. Lorsqu'il trouve une correspondance, le courtier extrait de la regle d'acheminement concordante l'identite d'une destination qui lui permet d'acheminer le message recu, et il transmet le message a la destination identifiee, via l'interface de reseau.

Main International Patent Class: **G06F-017/60**

International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... Figure 3 comprises: a field 300 to contain a reference uniquely identifying the RP within the RP **store** 21 5; a field 305 to contain the identity of the **originator** of the RP, that is, the destination address for forwarding matching SOR messages; a field 310 to indicate the type of address specified in field 305 to identify the **originator** (destination), distinguishing an "OMP" identifier from a "DNS" (domain name servicer) domain name or "IP" (Internet Protocol...

...example; a field 315 to contain the expiry date of the RP as defined by the RP **originator** ; a field 320 to contain the date of last affirmation of RIP validity as defined by the RIP **originator** ; and a field 325 containing the specification of the type of requirement that the RIP **originator** would prefer to **receive** .

The requirement specification field 325 defines a requirement using valid requirement definitions selected from those stored in...

22/5,K/30 (Item 30 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00418748 \*\*Image available\*\*

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES**

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

GINTER Karl L,  
SHEAR Victor H,  
SIBERT W Olin,  
SPAHN Francis J,  
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: **G06F-001/00**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 195626

**English Abstract**

The present invention provides systems and methods for electronic commerce including secure transaction management and electronic rights protection. Electronic appliances such as computers employed in accordance with the present invention help to ensure that information is accessed and used only in authorized ways, and maintain the integrity, availability, and/or confidentiality of the information. Secure subsystems used with such electronic appliances provide a distributed virtual distribution environment (VDE) that may enforce a secure chain of handling and control, for example, to control and/or meter or otherwise monitor use of electronically stored or disseminated information. Such a virtual distribution environment may be used to protect rights of various participants in electronic commerce and other electronic or electronic-facilitated transactions. Secure distributed and other operating system environments and architectures, employing, for example, secure semiconductor processing arrangements that may establish secure,

protected environments at each node. These techniques may be used to support an end-to-end electronic information distribution capability that may be used, for example, utilizing the "electronic highway".

#### French Abstract

La presente invention concerne des systemes et des procedes de commerce electronique comprenant une gestion de transactions securisees et la protection de droits electroniques. Des appareils electroniques tels que des ordinateurs utilises conformement a la presente invention contribuent a assurer que l'accès aux informations et l'utilisation des informations ne se font que par des voies autorisees et ils maintiennent l'integrite, la disponibilite et/ou la confidentialite des informations. Des sous-systemes securises utilises avec ces appareils electroniques constituent un environnement de distribution virtuel (VDE) reparti pouvant faire valoir une chaine securisee de traitement et de commande, par exemple, pour commander et/ou mesurer ou encore controler l'utilisation d'informations memorisees ou disseminees electroniquement. Cet environnement de distribution virtuel peut etre utilise pour proteger les droits de divers participants dans le commerce electronique et dans d'autres transactions electroniques ou dans lesquelles intervient l'electronique. Des environnements et des architectures de systemes repartis securises et autres systemes d'exploitation emploient, par exemple, des arrangements de traitement a semi-conducteurs securises pouvant etabli des environnements proteges securises a chaque noeud. On peut utiliser ces techniques pour apporter un soutien a une capacite de distribution d'informations electroniques de bout-en-bout pouvant etre utilisees, par exemple, en empruntant l'"autoroute electronique".

Main International Patent Class: **G06F-001/00**

Fulltext Availability:

Detailed Description

#### Detailed Description

... of an electronic appliance includes VDEF capabilities, it is called a "Rights Operating System' (ROS).

VDEF load **modules**, associated data, and methods form a body of information that for the purposes of the present invention...conserve resources. This may limit the configurability of ROS 602 services, but this possible limitation may be **acceptable** in some electronic appliances. The RPC structure allows services to be called/requested without the calling process...

...or changed based on different requirements and/or platforms.

RPC manager 732 manages the RPC interface. It **receives** service requests 'in the form of one or more 'Remote Procedure Calls' (RPCs) from a service requestor...

...to a service provider(s) that can service the request. For example, when rights operating system 602 **receives** a request from a user application via user API 682, RPC manager 732 may - 290 route the...CRSM. The RSI is an interface between RPC manager 732, service requestors, and a resource that will **accept** and service requests.

The RPC interface (RSD is used for several major ROS 602 subsystems in the...that RSIs 736a, 738a are different instances of the same RSI. Once a service request has been **received** by SPE 503 (or HPE 655), the SPE (or HPE) typically dispatches the request internally using...

...in an RPC Services Table, it may dispatch the request to an appropriate RSI. The receiving RSI **accepts** a



request from the RPC manager 732 (which may have looked up  
the request in an RPC...

Set	Items	Description
S1	395	(REGISTRATION OR IDENTIFYING OR ENROLLMENT OR SIGNING() (UP OR IN)) (3N)MODULE?
S2	1337879	ACCEPT? OR ADMIT? OR RECEIVE? OR TAKE?()IN
S3	1923560	STORE? ? OR STORING OR SAVE OR SAVING OR KEEP? ? OR KEEPING OR MEMORY OR CACHE? OR INNOVATION() (DATABASE OR DATA()BASE)
S4	24747	INNOVATOR? OR INVENTOR?OR INITIATOR? OR DISCOVERER? OR ORIGINATOR? OR DEVISER? OR WRITER? OR AUTHOR?
S5	1443003	INNOVATION? OR RESEARCH? OR INTELLECTUAL()PROPERT? OR PATENT? OR CERTIFICAT(2W)INVENTION? OR LICENS? OR EXCLUSIVE() (RIGHT? OR TITLE?) OR COPYRIGHT? OR COPY() (RIGHT? OR PROTECT?) OR DIGITAL()RIGHT?()PROTECTION OR TRADE()SECRET?
S6	4083991	MATCH? OR INTRODUCE? OR LINK? OR UNITE? OR CONNECT? OR ASSOCIATE?
S7	100948	DEVELOPER? OR PLANNER? OR PRODUCER? OR MAKER? OR MANUFACTURER?
S8	79992	CONNECTED()NETWORK? OR INTERNET? OR COMPUTER()NETWORK? OR - WWW OR W()W()W OR WORLDWIDE()WEB OR WORLD()WIDE()WEB OR WEB()-(SITE? OR PAGE?) OR WEBSITE? OR WEBPAGE? OR HOME()PAGE? OR HOMEPAGE? OR WEBBASE OR WEB()BASE?
S9	109842	ATTRACT? OR INTEREST? OR APPEAL? OR INVIT?
S10	8	S1 AND S2 AND S3 AND (S4 OR S5)
S11	15	S1 AND S2 AND (S4 OR S5)
S12	1173	(S4 OR S5) AND S6 AND S7
S13	642	S7 (3N) S9
S14	8	S12 AND S13
S15	51	S13 AND (S4 OR S5)
S16	85	S4 AND S6 AND S7
S17	151	S10 OR S11 OR S14 OR S15 OR S16
S18	66	S17 AND IC=G06F?
S19	35	S17 AND IC=G06F-017?
S20	1	S17 AND MC=T01-J05B
S21	35	S19 OR S20
S22	35	IDPAT (sorted in duplicate/non-duplicate order)
S23	35	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2002/Oct(Updated 030204)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200315

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23/5/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014979107 \*\*Image available\*\*  
WPI Acc No: 2003-039621/200303  
XRPX Acc No: N03-030983

**Commodity exchange facilitation method in Internet, involves performing several selected functions of the exchange through automated trusted agent**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: CRABTREE M R; LEE S; QUEK N  
Number of Countries: 002 Number of Patents: 002  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 20020128944 A1 20020912 US 2000752204 A 20001229 200303 B  
AU 200197168 A 20020704 AU 200197168 A 20011210 200303

Priority Applications (No Type Date): US 2000752204 A 20001229

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 20020128944	A1		20	G06F-017/60	
AU 200197168	A			G06F-017/60	

Abstract (Basic): US 20020128944 A1

NOVELTY - A public hub is utilized to exchange the commodities and the several **manufacturers** or suppliers are **associated** with the exchange. Several selected functions including price and contract term, management functions of the exchange are performed through an automated trusted agent.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Commodity exchange facilitating system; and
- (2) Storage device storing commodity exchange facilitation program.

USE - For exchange of commodities using public trading hub in Internet, intranet, extranet.

ADVANTAGE - Improves communication and protects property information and strategic relationships, reliably. The hub structure has hierarchical **authority** to protect and control key business processes. Allows direct interaction between entities of the process for non-critical activities.

DESCRIPTION OF DRAWING(S) - The figure shows the public hub utilized in the distributed fulfillment model.

pp; 20 DwgNo 2/7

Title Terms: COMMODITY; EXCHANGE; FACILITATE; METHOD; PERFORMANCE; SELECT; FUNCTION; EXCHANGE; THROUGH; AUTOMATIC; AGENT

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07F-019/00

File Segment: EPI

23/5/2 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014852793  
WPI Acc No: 2002-673499/200272  
XRAM Acc No: C02-189733  
XRPX Acc No: N02-532446

**Computer-implemented process for providing computer-aided procurement of industrial/commercial equipment, involves conducting replacement operation using software application components for conducting e-procurement operations**

Patent Assignee: ANDERSSON J (ANDE-I); PAULY T (PAUL-I); RUDIN M (RUDI-I);  
ABB AB (ALLM )  
Inventor: ANDERSSON J; PAULY T; RUDIN M

Number of Countries: 097 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087419	A1	20020704	US 2000751268	A	20001229	200272 B
WO 200254313	A1	20020711	WO 2001SE2844	A	20011219	200272

Priority Applications (No Type Date): US 2000751268 A 20001229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020087419	A1		15 G06F-017/60	
WO 200254313	A1 E		G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20020087419 A1

NOVELTY - A computer-implemented process involves conducting a replacement operation using a software application component for conducting e-procurement operations.

DETAILED DESCRIPTION - A computer-implemented process for the replacement of equipment in a plant arranged with a control system, involves conducting a replacement operation in part using a first software application component for conducting e-procurement operations where replacement device(s) complying with a defined specification may be procured from external suppliers. The first software application component is **linked** with a second software application component which represents and manages runtime operational data **associated** with the equipment, such that, e-procurement operation may be initiated via the second software application component.

INDEPENDENT CLAIMS are also included for the following:

- (a) a procurement system for ordering equipment for an industrial plant comprising device for transmitting information including a specification for the equipment and a device for communication with suppliers over a network, and a first software application component;
- (b) a computer program code element comprising code elements or software code portions for enabling a computer or a processor to retrieve information about replacement equipment;
- (c) the use of the computer program code element over a public data communications network such as the Internet by a prospective customer to evaluate a price for devices in order to make a buying decision;
- (d) a computer program contained in a computer readable medium, comprising computer program code elements to make a computer or processor carry out the steps of the inventive method;
- (e) a computer data signal embodied for communication in a computerized system in which the communication being **associated** with replacement of equipment in a process control system for an industrial plant, comprising information derived from a maintenance specification representing the equipment in a software application for conducting runtime maintenance of the equipment in the control system; and
- (f) a method of generating a computer data signal comprising generating the computer data signal in an automatic replenishment procedure of the computerized system, on the basis of an event trigger stored in the computerized system.

The computer or processor carries out actions to: (i) receive information from a database detailing equipment specification; (ii) receive input identifying a parameter relating to delivery times; and (iii) conduct e-procurement operations to obtain a quote for a given specification and delivery time.

USE - Used for providing computer-aided procurement of industrial/commercial equipment. It can also be used in, e.g. instruments, parts from building control systems, systems on board a ship, sensors, measuring instrument or valves for processes and/or control systems for process control in manufacturing plants, paper mills, rolling mills, car assembly plants, oil and gas installations,

or refineries.

ADVANTAGE - By **linking** e-procurement operations functionally with a software application component for managing runtime operational data **associated** with the equipment, such that e-procurement operations may be initiated via the software application component, the need for the involvement of separate personnel for individual equipment operations can be obviated. Instead, the purchasing operations can be controlled, or at least initiated, by an operator responsible for the runtime operation of the equipment in the industrial plant. Indeed the procurement operations can be controlled primarily by the process control system itself, whether or not human input is used to initiate and/or confirm procurement decisions which are being made.

pp; 15 DwgNo 0/7

Title Terms: COMPUTER; IMPLEMENT; PROCESS; COMPUTER; AID; INDUSTRIAL;  
COMMERCIAL; EQUIPMENT; CONDUCTING; REPLACE; OPERATE; SOFTWARE; APPLY;  
COMPONENT; CONDUCTING; OPERATE

Derwent Class: H01; T01; T06; W01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G05B-019/418

File Segment: CPI; EPI

**23/5/3 (Item 3 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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014852632 \*\*Image available\*\*

WPI Acc No: 2002-673338/200272

XRPX Acc No: N02-532298

**Remote car repair order generation has portable vehicle identification number (VIN) scanner, wireless network connections and access to dealer and manufacturer databases**

Patent Assignee: SAGE M (SAGE-I)

Inventor: SAGE M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020073000	A1	20020613	US 2000202315	A	20000505	200272 B
			US 2000736649	A	20001213	

Priority Applications (No Type Date): US 2000202315 P 20000505; US  
2000736649 A 20001213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020073000	A1		7	G06F-017/60	Provisional application US 2000202315

Abstract (Basic): US 20020073000 A1

NOVELTY - A portable scanner (100) scans a vehicle identification number (VIN) and communicates with a dealer's (DMS) database (212) and a **manufacturer's** database (220) via a wireless network server (202). A repair generator, RO (230) searches the databases and merges the retrieved information (warranty, owner, etc.) into a report accessed by the portable scanner. The RO generator can also recommend repairs. Information may be entered into the portable device to update the databases and prepare repair orders.

DETAILED DESCRIPTION - An independent claim is also included for a method of performing the scan and transmit/receive vehicle information.

USE - The system retrieves car information using the VIN, (e.g. warranty, owner, service history and production information) and remotely generates repair orders.

ADVANTAGE - The service **writer** has comprehensive and ready access to the vehicle information and can generate a repair order remotely.

DESCRIPTION OF DRAWING(S) - The drawing shows a networked computer system for generating and remotely displaying a repair order.

Portable scanning device (100)

Wireless local network server (202)

Wireless transceiver (204)

Dealer management system, DMS (210)  
**Manufacturer** 's computer system (220)  
Repair order generator, RO (230)  
pp; 7 DwgNo 2/5

Title Terms: REMOTE; CAR; REPAIR; ORDER; GENERATE; PORTABLE; VEHICLE;  
IDENTIFY; NUMBER; SCAN; WIRELESS; NETWORK; **CONNECT** ; ACCESS; DEAL;  
MANUFACTURE  
Derwent Class: T01; W05  
International Patent Class (Main): **G06F-017/60**  
File Segment: EPI

**23/5/4 (Item 4 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
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014796639 \*\*Image available\*\*  
WPI Acc No: 2002-617345/200266  
XRPX Acc No: N02-488544

**Product mass customization method using Internet, involves collecting and storing dimensional data associated with user, which is processed to generate additional value that allows merchant to readily use**

Patent Assignee: SRINIVASAN R (SRIN-I)  
Inventor: SRINIVASAN R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020077922	A1	20020620	US 2000738531	A	20001215	200266 B

Priority Applications (No Type Date): US 2000738531 A 20001215  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020077922 A1 27 G06F-017/60

Abstract (Basic): US 20020077922 A1

NOVELTY - Dimensional data including several measurements of parts of user body, are collected and stored in a database. The stored data is processed, to generate additional value that allows a merchant to readily use the data. The processed data is stored in the database, which is accessed by the merchant.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Product mass customization program; and
- (2) Products mass customizing system.

USE - For customizing mass of products such as apparel, footwear, and life-style related products, etc., in custom golf club, custom automobile and airline seat and custom bicycle, and in e-commerce application, through Internet.

ADVANTAGE - Enables to combine accurate body measurements of individual customers and a knowledge of individual hit performance with a global network that can be accessed by, and enables shift interaction between customers and designers, tailors or **manufacturers** located worldwide. Enables user personal information to remain confidential unless release of pertinent information is **authorized** by user.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating product mass customization method.

pp; 27 DwgNo 1/8

Title Terms: PRODUCT; MASS; CUSTOMISATION; METHOD; COLLECT; STORAGE;  
DIMENSION; DATA; **ASSOCIATE** ; USER; PROCESS; GENERATE; ADD; VALUE; ALLOW;  
MERCHANT; READY  
Derwent Class: T01  
International Patent Class (Main): **G06F-017/60**  
File Segment: EPI

**23/5/5 (Item 5 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX

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014724133 \*\*Image available\*\*

WPI Acc No: 2002-544837/200258

**System and method for performing authentication and auction on real estate over online network**

Patent Assignee: KIM D B (KIMD-I)

Inventor: KIM D B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002012688	A	20020220	KR 200045859	A	20000808	200258 B

Priority Applications (No Type Date): KR 200045859 A 20000808

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002012688	A	1	G06F-017/60	

Abstract (Basic): KR 2002012688 A

NOVELTY - An online real estate authentication and auction system and method is provided to authenticate a real estate, an ownership or a payment by an online information processing step so that it can enhance a safety and a reliability in transacting real estates.

DETAILED DESCRIPTION - The system comprises a real estate **registration** and auction management **module** (80), a real estate authentication module(50), an ownership authentication module(60), and a payment authentication module(40). The real estate **registration** and auction management **module** (80) **receives** a **registration** request of real estates to be sold from a seller's terminal, **stores** the request at a database, and performs an auction on the registered real estates. The real estate authentication module(50) and the ownership authentication module(60) **receive** real estate authentication and ownership authentication informations from certification **authorities**, and opens the informations to real estate buyers. The payment authentication module(40) makes an auction winner deposit corresponding money at a specific account, and remit money to a real estate seller's account if the ownership is transferred.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; PERFORMANCE; AUTHENTICITY; AUCTION; REAL; ESTATE; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014677889

WPI Acc No: 2002-498946/200253

XRAM Acc No: C02-141318

XRPX Acc No: N02-394966

**Information acquisition and processing system, for e.g. oil or gas producing well, comprises signal generators, area communication system, remote data acquisition center and server, and regional data source manager**

Patent Assignee: DICKERSON R J (DICK-I); MCDANIEL R (MCDA-I); SHERWIN R D (SHER-I)

Inventor: DICKERSON R J; MCDANIEL R; SHERWIN R D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020035551	A1	20020321	US 2000233928	A	20000920	200253 B
			US 2000738230	A	20001215	

Priority Applications (No Type Date): US 2000233928 P 20000920; US

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 20020035551	A1		8	G06F-017/60	Provisional application US 2000233928

Abstract (Basic): US 20020035551 A1

NOVELTY - An information acquisition and processing system comprises signal generators **associated** with an item of equipment from which information is desired; an area communication system to receive and transmit signals; a remote data acquisition center and a server to receive signals and create derived information; and a regional data source manager system.

DETAILED DESCRIPTION - An information acquisition and processing system comprises signal generators each **associated** with an item of equipment from which information is desired; an area communication system **connected** to receive signals generated by the signal generators and for transmitting signals to remote location(s); a remote data acquisition center and server **connected** to the area communication system for receiving signals and for creating derived information; and a regional data source manager system **connected** to receive the derived information from the remote data acquisition center and for distributing the derived information to customer applications and/or data **links**.

An INDEPENDENT CLAIM is included for a method of managing and/or operating an oil and/or gas field or fields by:

(a) acquiring and processing information concerning oil and/or gas producing wells, oil field production transportation facilities and/or oil field production treatment facilities by providing signal generators each **connected** to respond to an item of oil and/or gas field equipment;

(b) transmitting signals from signal generators to a remote data acquisition center;

(c) deriving data from the signal generators and creating useful information at the data acquisition center;

(d) transmitting the useful information to operators and/or controllers in the oil and/or gas field(s) for control or operation;

(e) creating information as to the status of the oil and/or gas field(s) at the data acquisition center; and

(f) transmitting the information as to the status of the oil and/or gas field(s) to **authorized** destinations requiring and/or desiring the information.

USE - For acquiring and processing information from oil and/or gas producing wells, oil field production transportation facilities, and/or oil field production treatment facilities.

ADVANTAGE - The system provides instantaneous flow of data from remote oil and gas field devices to an end user, e.g., an oil and/or natural gas **producer**. Automated data collection and monitoring makes it possible for a user to grow gathering systems with a minimum of additional employees by allowing existing personnel to enhance their productivity using readily available sources of telemetry information. The invention provides well statistics, contractual expenses, divisions of interest, dynamic index pricing, spot and month-to-date flow volumes to be incorporated into a single data source and made available as a service to users via the Internet.

pp; 8 DwgNo 0/1

Title Terms: INFORMATION; ACQUIRE; PROCESS; SYSTEM; OIL; GAS; PRODUCE; WELL ; COMPRISE; SIGNAL; GENERATOR; AREA; COMMUNICATE; SYSTEM; REMOTE; DATA;

ACQUIRE; SERVE; REGION; DATA; SOURCE; MANAGE

Derwent Class: H01; S02; S03; T01; T05; W05; X25

International Patent Class (Main): G06F-017/60

File Segment: CPI; EPI

23/5/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014632550    \*\*Image available\*\*  
WPI Acc No: 2002-453254/200248  
XRPX Acc No: N02-357380

**Electronic business to electronic business portal manages set of resource users and resource managers, and uses web management application to dynamically alter user interface**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: BARRENTINE A C; COX M S; COYLE R S; GERVAIS P M; HAWLEY K J;  
NEILD G O; RICHARDS M L; THOMAS J J  
Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6381579	B1	20020430	US 98113817	P	19981223	200248    B
			US 99336365	A	19990617	

Priority Applications (No Type Date): US 98113817 P 19981223; US 99336365 A 19990617

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6381579	B1	36	G06F-017/60	Provisional application US 98113817

Abstract (Basic): US 6381579 B1

NOVELTY - A set of resource users (101) and resource managers (103) are managed to allow the resource managers to see all the resource **links** (102) to which they have **authority** to manage, and the resource users to see only **links** they have been allowed access. The user interface is then dynamically altered through a web management application.

DETAILED DESCRIPTION - The resource **links** allow user access to an application represented by a resource object (104). The resource objects are chosen from a set of resource classes (106). INDEPENDENT CLAIMS are also included for the following:

- (a) a method for creating a resource object by a resource manager;
- (b) a method allowing end users to access resources via a portal;
- (c) and a machine readable medium.

USE - Electronic business to electronic business portal.

ADVANTAGE - Communication paths may be set using common server through Internet, enabling **manufacturers** and suppliers or other business partners to create extended enterprise. Allows rapid changes in teams and projects through real time, online registration of resource users. Enables companies to see who has access to what applications throughout supply chain or extended enterprise. Provides companies with common infrastructure for application administration, security management and directory use, thereby reducing information technology costs and speeding up solution deployment.

DESCRIPTION OF DRAWING(S) - The figure illustrates how users with various levels of **authority** can interact using the electronic business to electronic business portal.

Resource user (101)  
Resource **link** (102)  
Resource manager (103)  
Resource object (104)  
Resource class (106)  
pp; 36 DwgNo 1/24

Title Terms: ELECTRONIC; BUSINESS; ELECTRONIC; BUSINESS; PORTAL; MANAGE;  
SET; RESOURCE; USER; RESOURCE; WEB; MANAGEMENT; APPLY; DYNAMIC; ALTER;  
USER; INTERFACE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/8    (Item 8 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014384559    \*\*Image available\*\*  
WPI Acc No: 2002-205262/200226

XRPX Acc No: N02-156242

Matching **system for knowledge capital and developers capable of developing the knowledge capital. The system comprises an innovator interface, a developer interface, and innovation marketplace server**

Patent Assignee: THOUGHTBANK INC (THOU-N)

Inventor: HARRELL W R; HUMPHRIES J R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020016727	A1	20020207	US 2000212175	P	20000616	200226 B
			US 2001884609	A	20010618	

Priority Applications (No Type Date): US 2000212175 P 20000616; US 2001884609 A 20010618

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020016727	A1		19	G06F-017/60	Provisional application US 2000212175

Abstract (Basic): US 20020016727 A1

NOVELTY - Innovation marketplace comprising an **innovator** interface, a **developer** interface, and an innovation marketplace server, each of which is communicatively **connected** to a network. Dynamically **matches** knowledge capital with **developers** capable of developing the knowledge capital comprising: receiving knowledge capital information at the innovation marketplace server from at least two **innovator** interfaces

DETAILED DESCRIPTION - Divides each of the innovation profiles into at least two sub-profiles wherein a first sub-profile comprises a first level of information and a second sub-profile comprises a second more comprehensive level of information

An INDEPENDENT CLAIM is included for the system used to implement the method.

USE - Used to **match developers** and capital through an innovation marketplace.

ADVANTAGE - Provides an efficient means to market innovation while protecting the rights of the **innovator**. Also allows a guide for the **innovator** through the development of the innovation

DESCRIPTION OF DRAWING(S) - The drawing shows a high level representation of the invention.

pp; 19 DwgNo 1/6

Title Terms: **MATCH**; SYSTEM; CAPITAL; DEVELOP; CAPABLE; DEVELOP; CAPITAL; SYSTEM; COMPRISE; INTERFACE; DEVELOP; INTERFACE; SERVE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

23/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014291388 \*\*Image available\*\*

WPI Acc No: 2002-112089/200215

**Method for pre-order and profit distribution using the internet**

Patent Assignee: KIM Y G (KIMY-I)

Inventor: KIM Y G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001081620	A	20010829	KR 20007525	A	20000217	200215 B

Priority Applications (No Type Date): KR 20007525 A 20000217

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001081620	A		1	G06F-017/60	

Abstract (Basic): KR 2001081620 A

NOVELTY - A method for pre-order and profit distribution using the Internet is provided to enable a **manufacturer** to finish a good product by previously enabling a purchaser to buy a product prior to a finish in an electronic commerce using the Internet, and by distributing profits of the product to the purchaser after finishing the product.

DETAILED DESCRIPTION - A general user **connects** to a service site and inputs the user's ID and password. In addition, the general user is registered in the site(201). The user approaches a page for articles which the user wants in the service site. The service site interposes contents or prices of books by **writers** (202). The user previously purchases a book to be written by the user's favorite **writer** (203). Information of the user is stored in a database and stands by the book is published(204,205). In case of being published, the book is delivered with the **writer** 's signature and sold(206,207). It is judged whether the book makes a profit. In case that the profit is made from the book, a part of the profit is distributed to the purchaser(208,209).

pp; 1 DwgNo 1/10

Title Terms: METHOD; PRE; ORDER; PROFIT; DISTRIBUTE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014287190 \*\*Image available\*\*

WPI Acc No: 2002-107891/200215

XRPX Acc No: N02-080329

**Internet based electronic coupon for offering a reduction in price of merchandise using a server to send to clients virtual purse/wallet files coupons having a unique serial number**

Patent Assignee: EKOOPON (EKOO-N); IGTECH SARL (IGTE-N); LERAT G (LERA-I)

Inventor: LERAT G

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1164529	A1	20011219	EP 2001401585	A	20010615	200215 B
US 20020010627	A1	20020124	US 2000204653	P	20000517	200215 N
			US 2001858815	A	20010516	
FR 2810433	A1	20011221	FR 20007640	A	20000615	200215

Priority Applications (No Type Date): FR 20007640 A 20000615; US 2001858815 A 20010516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1164529	A1	F	30	G06F-017/60	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20020010627	A1	G06F-017/60	Provisional application US 2000204653
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FR 2810433	A1	G06F-017/60
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Abstract (Basic): EP 1164529 A1

NOVELTY - The server generates on request, to a client server, a coupon including a group of data describing the coupon as well as a unique serial number. The coupon is signed and sent to the client who retains it in a coupon purse/wallet in the form of a file. The data on the coupon includes name, serial number, validity start date, certification **authority**, description of offer, public and private codes and other promotional data.

DETAILED DESCRIPTION - System for producing electronic merchandise price reduction offer coupons. The system includes one or more servers

and client terminals **connected** to each other via the Internet. The server includes a central unit and memory for transmission of digital coupons to client terminals. The client terminals include means for requesting from the server a coupon for downloading. The server then generates electronic coupons in the form of digital signed files. The coupon creation server ( **manufacturer** ) can send coupons created on it to other servers operated by other organizations (retailers) with indication of the number of coupons that each retailer can accept. Each user on a retailer site for a coupon created by the **manufacturer** effects his own control of the coupon.

USE - For transmitting electronic coupons to clients.

ADVANTAGE - Designed to improve the security of the transmission method and coupon management.

DESCRIPTION OF DRAWING(S) - The drawings shows the principal parts of the electronic coupon system(the drawing contains non-English language text)

**manufacturer** or retailer server (1)  
Web site (2)  
data base and coupon management server (3)  
user terminal (4)  
digital coupon mask (5)  
pp; 30 DwgNo 1/12

Title Terms: BASED; ELECTRONIC; COUPON; OFFER; REDUCE; PRICE; MERCHANDISE;  
SERVE; SEND; CLIENT; VIRTUAL; PURSE; WALLET; FILE; COUPON; UNIQUE; SERIAL  
; NUMBER

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**23/5/11 (Item 11 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014244940 \*\*Image available\*\*

WPI Acc No: 2002-065640/200209

Related WPI Acc No: 2001-354173; 2002-146762

XRPX Acc No: N02-048754

**Digital image data management system for advertising facility, routes job order developed by authorized user using high and low resolution image data, to printer**

Patent Assignee: MARSHALL O'TOOLE GERSTEIN MURRAY & BORUN (MARS-N)

Inventor: CARLSON L D; JAMES J S; JEBENS J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6321231	B1	20011120	US 97908046	A	19970811	200209 B

Priority Applications (No Type Date): US 97908046 A 19970811

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6321231	B1	44	G06F-017/30	

Abstract (Basic): US 6321231 B1

NOVELTY - A **developer** in user site develops a job order including both the set of data comprising high resolution digital images **associated** with particular set of data comprising low resolution digital images, and the data developed outside the system, based on the input work order from a user (12) **authorized** by the image providers (14). Host (10) routes electronically the developed job order to the printer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Digital images management method;

(b) Digital data storage facility

USE - Used in advertising and publishing, and consultancy facilities for storing perusal digital images for routing and

delivering order to publishing facility or through wide area networks like Internet or local area networks.

ADVANTAGE - The system is adapted to store digital assets to facilitate perusal of those assets by distributing to the **authorized** users. Since the low resolution images downloaded to the agency has low bandwidth communication requirement, it can be transmitted in a short time easily.

DESCRIPTION OF DRAWING(S) - The figure shows a general diagram of the data management and work order delivery system.

Host (10)

User (12)

Image providers (14)

pp; 44 DwgNo 1/10

Title Terms: DIGITAL; IMAGE; DATA; MANAGEMENT; SYSTEM; ADVERTISE; FACILITY; ROUTE; JOB; ORDER; DEVELOP; USER; HIGH; LOW; RESOLUTION; IMAGE; DATA; PRINT

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

23/5/12 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014189087 \*\*Image available\*\*

WPI Acc No: 2002-009784/200201

XPX Acc No: N02-008152

**Content menu management system through internet, generates interactive event based on called trigger routine associated with information object**

Patent Assignee: ZELLWEGER P (ZELL-I)

Inventor: ZELLWEGER P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6317734	B1	20011113	US 9895810	A	19980807	200201 B
			US 99368332	A	19990803	

Priority Applications (No Type Date): US 9895810 P 19980807; US 99368332 A 19990803

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6317734	B1	15	G06F-017/30	Provisional application	US 9895810

Abstract (Basic): US 6317734 B1

NOVELTY - An end-user profile is generated, based on a menu path selected from the content menu generated using open hierarchical data structure. The collected trigger routines are managed and a configuration interface **associated** with an **authoring** system enabling a menu **developer** to **link** to the routine is displayed. The trigger routine **associated** with the information object is called, based on user profile, for generating interactive event.

USE - For building and maintaining end-user menu system e.g. content menu through internet by using computer software.

ADVANTAGE - Enables managing the collection of trigger routines, integrating them into an end-user application and using end user profiles to fire a specific trigger routine at runtime. Since the **developers** are free to program any type of trigger routine, it enables them to respond to different situations and needs.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of the trigger configuration window.

pp; 15 DwgNo 7/12

Title Terms: CONTENT; MENU; MANAGEMENT; SYSTEM; THROUGH; GENERATE; INTERACT ; EVENT; BASED; CALL; TRIGGER; ROUTINE; **ASSOCIATE** ; INFORMATION; OBJECT

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

23/5/13 (Item 13 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013958841 \*\*Image available\*\*

WPI Acc No: 2001-443055/200148

XRPX Acc No: N01-327713

**Method for writing a modular built learning program locally describes a learning program database having multiple learning program module description data records.**

Patent Assignee: MEDIA AKTIV GMBH MULTIMEDIALE INFORMATIO (MEDI-N);

MEDIAAKTIV GMBH MULTIMEDIALE INFORMATION (MEDI-N)

Inventor: SCHOENER P

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19927722	A1	20001221	DE 1027722	A	19990617	200148 B
EP 1069546	A2	20010117	EP 2000112819	A	20000616	200148

Priority Applications (No Type Date): DE 1027722 A 19990617

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 19927722	A1	12	G09B-005/06		
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EP 1069546	A2	G	G09B-007/04		
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): DE 19927722 A1

NOVELTY - Available learning program modules (LPM) are sought in a learning program database (4). Their LPM description data record (DDR) **matches** one of the LPM DDRs in the learning program to be written. Blank scenario data files (BSDF) are created for each LPM without a **matching** LPM DDR. BSDFs are transferred to LPM **author** operating stations (9-11) corresponding to LPM DDRs. Media list data files are transferred to media data file **producer** operating stations (15,16).

USE - For writing computer-based training learning programs.

ADVANTAGE - Writing of individual learning modules can be done by specialists who are working at a site remote from the actual production site for the learning program.

DESCRIPTION OF DRAWING(S) - The figure shows a diagram for producing a modular built learning program.

Learning program database (4)

Learning program module **author** operating stations (9-11)

Media data file **producer** operating stations (15,16)

pp; 12 DwgNo 1/2

Title Terms: METHOD; WRITING; MODULE; BUILD; LEARNING; PROGRAM; LOCAL;

DESCRIBE; LEARNING; PROGRAM; DATABASE; MULTIPLE; LEARNING; PROGRAM;

MODULE; DESCRIBE; DATA; RECORD

Derwent Class: P85; T01

International Patent Class (Main): G09B-005/06; G09B-007/04

International Patent Class (Additional): G06F-009/44; **G06F-017/00**

File Segment: EPI; EngPI

23/5/14 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013947596 \*\*Image available\*\*

WPI Acc No: 2001-431810/200146

XRPX Acc No: N01-319942

**Menu authoring program on computer processor, generates hypertext file and assigns links in block of source code to locations outside hypertext file**

Patent Assignee: ZELLWEGER P (ZELL-I)

Inventor: ZELLWEGER P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6243700	B1	20010605	US 9746920	A	19970516	200146 B
			US 9880100	A	19980516	

Priority Applications (No Type Date): US 9746920 P 19970516; US 9880100 A 19980516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6243700	B1		21	G06F-017/30	Provisional application US 9746920

Abstract (Basic): US 6243700 B1

NOVELTY - A software generates hypertext file to produce subset of list menus on client computer and assigns **links** in a block of source code to locations outside the hypertext file. The software enables a menu **developer** to control size of hypertext file generated by the **authoring** system, representing a collection of menu data organized by open hierarchical data structure.

DETAILED DESCRIPTION - An interactive software maintains a collection of menu data using open hierarchical data structure, to organize menu data into multiple lists and paths to the lists. A software merges the menu data with hypertext source code to generate block of source code to produce list menus in content menu on end user client computer. The software assigns hypertext **links** on source code to locations within the source code that **links** list item in one list menu to another list menu located within the block of source code.

USE - Used for organizing information on website.

ADVANTAGE - The **authoring** system shows how to **link** one of the menu files to another and how to regulate the overall size of these files. Enables menu **developers** to benchmark different sets of menu files in order to identify an optimal download file size.

DESCRIPTION OF DRAWING(S) - The figure shows the user interface of the **authoring** system used to configure the output hypertext files that contain the list menus.

pp; 21 DwgNo 7/11

Title Terms: MENU; PROGRAM; COMPUTER; PROCESSOR; GENERATE; FILE; ASSIGN;

**LINK** ; BLOCK; SOURCE; CODE; LOCATE; FILE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

23/5/15 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013946190 \*\*Image available\*\*

WPI Acc No: 2001-430403/200146

**Method and system for on-demand product information using characters**

Patent Assignee: KIM J S (KIMJ-I); SUN Y G (SUNY-I)

Inventor: KIM J S; SUN Y G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001000784	A	20010105	KR 200061541	A	20001019	200146 B

Priority Applications (No Type Date): KR 200061541 A 20001019

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001000784	A		1	G06F-017/60	

Abstract (Basic): KR 2001000784 A

NOVELTY - A method for on-demand product information using a character is provided to create a member's character by receiving a

member's picture and physical information and to display the character with the product selected by the member in order to enable the member to determine whether the selected product is appropriate for the member.

DETAILED DESCRIPTION - A method for on-demand product information using a character is composed of request, identification, production, and display. An advertiser **links** visual product data through the product information supplier server and the data communication network and stores the data in the product DB(ST-20). The selected product data is transmitted to the member when a purchase request regarding the advertiser's product is received(ST-21). The advertiser provides the appropriate product data and the member's physical measurements to the product **manufacturer** in order to manufacture products that are suitable for the member(ST-22). The control module provides the member's ID, password, resident registration number, and account number to the identification server for payment settlement(ST-23). When a banner advertisement for a specific product is transmitted, the control module **authorizes** the control signal to the character creator, produces the visual product animation, and **matches** the product to the member's personal information DB(ST-24). The member receives a banner advertisement of one's character that's clothed with the selected clothes(ST-25).

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; DEMAND; PRODUCT; INFORMATION; CHARACTER

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**23/5/16 (Item 16 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013946117 \*\*Image available\*\*

WPI Acc No: 2001-430330/200146

**System for composing and writing words of song on internet**

Patent Assignee: KIM J B (KIMJ-I); LIM D J (LIMD-I)

Inventor: KIM J B; LIM D J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001000678	A	20010105	KR 200060142	A	20001012	200146 B

Priority Applications (No Type Date): KR 200060142 A 20001012

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001000678	A	1	G06F-017/00	

Abstract (Basic): KR 2001000678 A

NOVELTY - A system for composing and writing words of a song on the Internet is provided to **connect** a song word **writer**, a song compositor, and a record company therebetween on a web site **connected** to the Internet, and make a viewer estimate the song made by MP3.

DETAILED DESCRIPTION - The words of song made by a song **writer** are registered on a repeating system for making the words of song. A song composition man searches the words of song registered by the song **writer**, selects the most proper song words, or selects a song **writer**. The song composition man consults with a song **writer** with a copyright, and makes a contract with the song **writer**. The song composition man registers his new song on the repeating system, and receives a search/evaluation from public people. If a critic man estimates the registered song as a good song, the song composition man makes a contract with a disc **maker** who provides the best condition to the song composition man. Then, the song is made as MP3 file, a user can freely receive the MP3 file. If the number of the downloads of the user is over a predetermined number, the music disc is manufactured by the disc **maker** according to a regular procedure, a fee about the



disc-manufactured song is charged whenever the user wants to download the song.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; COMPOSE; WRITING; WORD; SING

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

23/5/17 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013782265 \*\*Image available\*\*

WPI Acc No: 2001-266476/200128

XRPX Acc No: N01-190592

**Managing employee ideas/proposals method in client/server system to create standardized quality business proposals**

Patent Assignee: BRAINBANK INC (BRAI-N); LAURIN A P C (LAUR-I); STE-MARIE K S J (STEM-I)

Inventor: LAURIN A P C; STE-MARIE K S J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2280372	A1	20010120	CA 2280372	A	19990817	200128 B
US 20020107722	A1	20020808	US 99144877	A	19990720	200254
			US 99375401	A	19990817	
			US 200244779	A	20020110	

Priority Applications (No Type Date): US 99144877 P 19990720; US 99375401 A 19990817; US 200244779 A 20020110

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2280372	A1	E	153	H04L-012/16	
US 20020107722	A1			G06F-017/60	Provisional application US 99144877

CIP of application US 99375401

Abstract (Basic): CA 2280372 A1

NOVELTY - An automated employee idea manager server receives the proposal in electronic form, records a unique submission identifier and a **matching** identifier for communicating with the employee or employer, provides the proposal with the submission identifier without revealing **matching** identifier e.g. e-mail address on the corporate intranet.

DETAILED DESCRIPTION - Standardized forms and templates are provided to aid employee itemize the status quo of a process, calculate and display net financial benefit to the organization as well as pay-out to idea's **author**, and has software interfaces to allow evaluators, decision- **makers** and implementers respond to requests, an internal messaging hyperlink on the footer of every web page is provided.

USE - For managing employee ideas/proposals.

ADVANTAGE - The identity of the employee suggesting the proposal is not revealed whilst being evaluated.

DESCRIPTION OF DRAWING(S) - The figure shows schematic block diagram of the employee suggestion management client/server system.

pp; 153 DwgNo 1/1

Title Terms: MANAGE; EMPLOY; METHOD; CLIENT; SERVE; SYSTEM; STANDARD; QUALITY; BUSINESS

Derwent Class: T01

International Patent Class (Main): G06F-017/60 ; H04L-012/16

International Patent Class (Additional): G06F-017/60

File Segment: EPI

23/5/18 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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013371560    \*\*Image available\*\*  
WPI Acc No: 2000-543499/200049  
XRPX Acc No: N00-402031

**Automatic tax payment information tracking for taxable items, affixes  
unique machine readable identifier to taxable items each of whose tax  
information is retrieved by reading affixed identifier**

Patent Assignee: INTERMEC IP CORP (INTE-N)

Inventor: MALTSEFF P A; OHANIAN M

Number of Countries: 019    Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200046734	A2	20000810	WO 2000US2812	A	20000204	200049 B
US 6360208	B1	20020319	US 99244611	A	19990204	200224
US 20020097282	A1	20020725	US 99244611	A	19990204	200254
			US 200273509	A	20020211	

Priority Applications (No Type Date): US 99244611 A 19990204; US 200273509  
A 20020211

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200046734	A2	E	33	G06K-007/00	
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

US 6360208	B1	G06F-017/60
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US 20020097282	A1	B41J-029/38	Div ex application US 99244611 Div ex patent US 6360208
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Abstract (Basic): WO 200046734 A2

NOVELTY - Unique machine readable identifier is affixed to each taxable item and the identifier is stored in memory. Tax information of taxable items are automatically stored in memory corresponding to stored identifiers. Tax information is retrieved from memory when needed, by reading identifier in taxable item.

DETAILED DESCRIPTION - The unique machine readable identifier is either bar code or radio frequency identification tag. Unique machine readable identifier is **associated** to each taxable item by affixing respective label to items. The unique machine readable identifier is stored in computer readable memory. Tax information regarding each item is automatically stored in computer readable memory. The tax information includes tax payment status, tax payment **authority**, tax payment sum, tax payment date, identity of **manufacturer**, product type, and product origin and also tax payment information from multiple taxing **authorities**. INDEPENDENT CLAIMS are also included for the following:

- (a) tax payment information verification method;
- (b) printer for printing tax labels;
- (c) tax data tracking device;
- (d) program for tax data tracking

USE - For taxable items such as chocolates, perfumes, automobiles, boats, cigarettes, fur coat and other tobacco products, alcohol, fossil fuel and sale of specific items.

ADVANTAGE - Tax information are stored in computer readable memory, hence an access code is required to read from or write to memory, thereby avoids forgery of information and provides security to stored information.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart illustrating the method for maintaining tax information and issuing tax stamp.

pp; 33 DwgNo 7/10

Title Terms: AUTOMATIC; TAX; PAY; INFORMATION; TRACK; ITEM; AFFIX; UNIQUE;  
MACHINE; READ; IDENTIFY; ITEM; TAX; INFORMATION; RETRIEVAL; READ; AFFIX;  
IDENTIFY

Derwent Class: P75; T01; T04

International Patent Class (Main): B41J-029/38; **G06F-017/60** ; G06K-007/00

File Segment: EPI; EngPI

23/5/19 (Item 19 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013098161 \*\*Image available\*\*  
WPI Acc No: 2000-270033/200023  
XRPX Acc No: N00-202180

**Propagation of object properties in a desktop publishing program**

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: YOUNG K L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6038567	A	20000314	US 9825827	A	19980219	200023 B

Priority Applications (No Type Date): US 9825827 A 19980219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6038567	A		21	G06F-017/30	

Abstract (Basic): US 6038567 A

NOVELTY - The method involves propagating the object property definition for the first object property to a predefined group of the objects in accordance with the propagation rule for the first object property. The object propagation code **associated** with the first object property is used to retrieve the propagation rule for the first object property from an object propagation rule table.

DETAILED DESCRIPTION - The method begins by receiving a layout selection command corresponding to a predefined layout for a document. The layout comprises of a predefined set of objects, in which each object has a set of object properties for defining a visible element of the document. Each object property has a propagation code **associated** with the object propagation rule for coordinating the object property with a predefined set of other object properties, in which the propagation codes and their **associated** rules are stored within an object propagation rule table. A publication definition command is received for setting the object property definition for the first object property. An INDEPENDENT CLAIM is also included for the computer-readable medium storing the computer-executable instructions for propagating object properties in a desktop publishing program.

USE - For propagating object properties in a desktop publishing program. Used in desktop publishing systems.

ADVANTAGE - Propagates object properties so that a user-defined object property automatically propagates to other objects in a document. Saves **author** of a desktop publishing document from tedious and time consuming task of making the identical editorial changes to a number of objects. Automatically propagating the headline font to save **author** from having to change the font for each headline individually. Allows software **developers** to define propagation rules for a variety of predefined or canned layouts on a layout-by-layout basis. Can implement other user interface techniques, e.g. pop-up user interface that allows user to enable and disable object property propagation rules on a rule-by-rule basis. Can be used in distributed computer environments.

DESCRIPTION OF DRAWING(S) - The figure shows a functional block diagram of a personal computer system that provides operating environment for propagating object properties.

pp; 21 DwgNo 1/9

Title Terms: PROPAGATE; OBJECT; PROPERTIES; PUBLICATION; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

23/5/20 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012914922  
WPI Acc No: 2000-086758/200007  
XRPX Acc No: N00-068077

**Electronic communication for classified customer service**

Patent Assignee: CAMBRIDGE CONSULTANTS (CAMB-N)  
Inventor: MARTIN S C; SMITH R W  
Number of Countries: 020 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9962012	A1	19991202	WO 99GB1614	A	19990521	200007 B
EP 1080439	A1	20010307	EP 99923750	A	19990521	200114
			WO 99GB1614	A	19990521	

Priority Applications (No Type Date): EP 98304090 A 19980522

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9962012	A1	E 24	G06F-017/60	
Designated States (National): US				
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
EP 1080439	A1	E	G06F-017/60	Based on patent WO 9962012
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				

Abstract (Basic): WO 9962012 A1

NOVELTY - A profiling unit creates user profiles for each user, based on monitoring result of a user's interaction with the communication system. Using the user profile, a **matched** group of system user profile of different users, having common interest is identified by a **match discoverer** in virtual chamber of commerce. Communication **links** between identified system users in the **matched** group is formed by **match maker**.

USE - For classified customer service.

ADVANTAGE - Provides an electronic communication system which autonomously copes with a dynamic environment so that new users can contact with relevant items of another user. Dramatically increases speed of transformation of relevant information even in a system having small, slower memory.

pp; 24 DwgNo 0/0

Title Terms: ELECTRONIC; COMMUNICATE; CLASSIFY; CUSTOMER; SERVICE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/21 (Item 21 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012827539 \*\*Image available\*\*  
WPI Acc No: 1999-633771/199954  
XRPX Acc No: N99-467988

**Coupon issuing system for electronic presentation of advertisements and generating coupons**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC );  
IBM UK LTD (IBMC )

Inventor: PALMER C C; PALMER E R; SMITH S W  
Number of Countries: 024 Number of Patents: 008  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9952051	A1	19991014	WO 99GB575	A	19990225	199954 B
JP 2000067312	A	20000303	JP 9994602	A	19990401	200023
EP 1068581	A1	20010117	EP 99906360	A	19990225	200105

			WO 99GB575	A	19990225	
CN 1295691	A	20010516	CN 99804682	A	19990225	200146
EP 1068581	B1	20020807	EP 99906360	A	19990225	200259
			WO 99GB575	A	19990225	
DE 69902454	E	20020912	DE 602454	A	19990225	200268
			EP 99906360	A	19990225	
			WO 99GB575	A	19990225	
ES 2178390	T3	20021216	EP 99906360	A	19990225	200306
US 6505773	B1	20030114	US 9854844	A	19980403	200313

Priority Applications (No Type Date): US 9854844 A 19980403

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing	Notes
WO 9952051	A1	E	26	G06F-017/60		
Designated States (National): CN HU JP KR PL						
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
JP 2000067312	A		12	G07F-007/08		
EP 1068581	A1	E		G06F-017/60	Based on patent	WO 9952051
Designated States (Regional): DE ES FR GB IE IT NL						
CN 1295691	A			G06F-017/60		
EP 1068581	B1	E		G06F-017/60	Based on patent	WO 9952051
Designated States (Regional): DE ES FR GB IE IT NL						
DE 69902454	E			G06F-017/60	Based on patent	EP 1068581
Based on patent WO 9952051						
ES 2178390	T3			G06F-017/60	Based on patent	EP 1068581
US 6505773	B1			G06K-005/00		

Abstract (Basic): WO 9952051 A1

NOVELTY - A computer (110) with **associated** issuing software (115) generates an electronic advertisement, based on preset criteria and in response to a request transmitted from a user to the computer. Advertisement viewing software (123) in an advertisement viewing computer (120), enables monitoring of the interaction status of the user with the advertisement, and accordingly writes information regarding the electronic advertisement onto user's smart card (170) via a card reader- **writer** (160). The viewing computer also sends coupon requests to the issuing computer.

USE - For issuing electronic coupons such as discount coupons, and advertisements to customers in order to protect a **manufacturer** from fraudulent merchants and customers.

ADVANTAGE - Provides operations which assess the validity of coupons, and operations that update, collect, store or delete coupons, and that take place inside a tamper protected hardware boundary. Ensures the authenticity of the coupons by digital signatures.

DESCRIPTION OF DRAWING(S) - The figure shows an exemplary view of physical architecture of issuing system.

Computers (110,120)  
Software program (123)  
Card reader- **writer** (160)  
Smart card (170)  
pp; 26 DwgNo 1/9

Title Terms: COUPON; ISSUE; SYSTEM; ELECTRONIC; PRESENT; ADVERTISE;  
GENERATE; COUPON

Derwent Class: T01; T04; T05; W05

International Patent Class (Main): G06F-017/60 ; G06K-005/00; G07F-007/08

International Patent Class (Additional): G06F-013/00; G07F-007/02

File Segment: EPI

23/5/22 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012784433 \*\*Image available\*\*

WPI Acc No: 1999-590659/199950

XRPX Acc No: N99-435648

**Product dealer confirmation method for performing electronic commerce  
over internet for on-line sales of products**

Patent Assignee: FOGDOG SPORTS (FOGD-N)

Inventor: ALLSOP B; MORRIS J W; SHAMSUDDIN S K; SMITH R; TAGHINIA A H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5970472	A	19991019	US 97855109	A	19970513	199950 B

Priority Applications (No Type Date): US 97855109 A 19970513

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5970472	A	17	G06F-017/60	

Abstract (Basic): US 5970472 A

NOVELTY - An order processor is maintained corresponding to a single **manufacturer** and an **authorized** dealer of a product. The processor receives and processes order corresponding to that **manufacturer** only. Processor is accessed by a user via a network by selecting a hypertext **link** specifying product **manufacturer** received from a remote processing system.

DETAILED DESCRIPTION - The processing system provides a network site of an agent of the **manufacturer** 's product. The **manufacturer** and dealer are different persons. An INDEPENDENT CLAIM is also included for a dealer confirmation system.

USE - For controlled on-line sales of products while performing electronic commerce over internet.

ADVANTAGE - **Manufacturer** is enabled to set standards for on-line sales of products and control on-line sales by choosing dealer **linked** to web page only if dealer meets standards. Thus, **manufacturer** generated traffic is transferred to dealer for on-line sales. User is enabled to directly access **authorized** dealer for particular **manufacturer** from **manufacturer** 's web site. **Manufacturer** is not burdened with having to process or fulfill product orders and user is not exposed to information of competitor's products.

DESCRIPTION OF DRAWING(S) - The figure illustrates two product **manufacturer** web sites which provide hypertext **links** to order processor of number of web **link** dealers.

pp; 17 DwgNo 5/9

Title Terms: PRODUCT; DEAL; CONFIRM; METHOD; PERFORMANCE; ELECTRONIC; LINE; SALE; PRODUCT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/23 (Item 23 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011932247 \*\*Image available\*\*

WPI Acc No: 1998-349157/199831

XRPX Acc No: N98-272472

**Automated computer approved check cashing system e.g. for cashing authorised from assigned payee - has assigned payee can cash authorised negotiable instrument, by reading specified data from instrument with its magnetic content as applicable by obtaining data from customer's keyboard entry and reading data from patron card**

Patent Assignee: SHAH D V (SHAH-I)

Inventor: SHAH D V

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2211811	A	19980221	CA 2211811	A	19970821	199831 B
US 6129273	A	20001010	US 9624268	A	19960821	200052
			US 97915903	A	19970821	
			US 98161582	A	19980928	

Priority Applications (No Type Date): US 9624268 P 19960821; US 97915903 A  
19970821; US 98161582 A 19980928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2211811	A		16	G06F-017/60	
US 6129273	A			G06K-005/00	Provisional application US 9624268 CIP of application US 97915903

Abstract (Basic): CA 2211811 A

The system has a transaction terminal having a payee operated keyboard and a customer interface display monitor. The terminal has a check reader/ checker, to read a MICR line from the instrument having banking information and to check the magnetic ink content from the MICR line. A cash dispenser dispenses currency and coins for approval to the instrument. A main computer is preprogrammed to receive entered payee identity from the keyboard, a display processor processes instructions on the monitor, input from the check reader/checker, to get approval of an acceptance of the instrument and drive the cash dispenser upon approval.

The instrument is approved from the payee by comparing, **matching** and meeting set criteria from data provided in the identified payee's existing file against data received from the keyboard and the check reader/checker to include received bank route number and account number for the instrument **matches** the bank number and account number provided in the payee's file. The received amount for the instrument does not exceed amount limitation called out in the payee's file for the instrument. The received bank route number, account number and check number from the reader/checker is having magnetic ink. The time difference between last cashing of same **maker** 's instrument and now meets the cashing frequency limitations provided in the payee's file.

ADVANTAGE - Provides means to cash **authorised** negotiable instruments to assigned payee' through automated computer approved. Checks cashing system similar to bank teller machine that provides cash from customer's account as well as accepts unscreened packages through provided slots.

Dwg.1/4

Title Terms: AUTOMATIC; COMPUTER; APPROVE; CHECK; CASH; SYSTEM; CASH;  
**AUTHORISE** ; ASSIGN; ASSIGN; CAN; CASH; **AUTHORISE** ; NEGOTIATE; INSTRUMENT  
; READ; SPECIFIED; DATA; INSTRUMENT; MAGNETIC; CONTENT; APPLY; OBTAIN;  
DATA; CUSTOMER; KEYBOARD; ENTER; READ; DATA; CARD

Derwent Class: T01; T04; T05; W01

International Patent Class (Main): **G06F-017/60** ; G06K-005/00

File Segment: EPI

**23/5/24** (Item 24 from file: 347)

DIALOG(R) File 347:JAPIO

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07400757 \*\*Image available\*\*

MACHINE FACILITY GUARANTEE SYSTEM

PUB. NO.: 2002-269259 [JP 2002269259 A]

PUBLISHED: September 20, 2002 (20020920)

INVENTOR(s): NATSUME AKINORI

APPLICANT(s): MITSUBISHI HEAVY IND LTD

APPL. NO.: 2001-062602 [JP 20011062602]

FILED: March 06, 2001 (20010306)

INTL CLASS: **G06F-017/60** ; **G06F-017/40**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a machine facility guarantee system and machine guarantee method capable of producing **interests** to both a **maker** manufacturing machine facility and a user using it to anticipate improvement in a user's positive operation of machine facility.

SOLUTION: This machine facility guarantee system includes the user 12 having the machine facility 3, the maker 11 having a remote monitoring system 1 and a cost management server 6, and a banking intermediary station 13. In the banking intermediary station 13, after payment of maintenance contract cost determined according to a maintenance contract related to machine facility 3 between the user 12 and the maker 11 to a maker's account is confirmed, the remote monitoring system 1 obtains the operational information from the machine facility 3 through a communication line 15, and outputs a reward payment instruction to the cost management server 6 according to the maintenance contract and operational information. The cost management server 6 performs a system for paying a reward to a user's (12) account through a communication line 16 according to the reward payment instruction in the banking intermediary station 13.

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07390912 \*\*Image available\*\*  
DOCUMENT MANAGEMENT SYSTEM, DOCUMENT MANAGEMENT METHOD, DOCUMENT MANAGEMENT PROGRAM, AND RECORDING MEDIUM

PUB. NO.: 2002-259413 [JP 2002259413 A]  
PUBLISHED: September 13, 2002 (20020913)  
INVENTOR(s): TAKEUCHI TOSHIO  
MIYASAKA DAIYA  
APPLICANT(s): RICOH CO LTD  
APPL. NO.: 2001-061199 [JP 20011061199]  
FILED: March 06, 2001 (20010306)  
INTL CLASS: G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a document management system, across the Internet, that can shorten the document registration time and reduce the load on a server.

SOLUTION: A user makes a request for document registration from a Web browser 11 on a client machine 1 to a Web server 2, while designating the timing of the document registration. At the same moment, a data transfer module 12 transmits the document to be registered to a file system 31 of a DB/file server 3. On the server machine side, the Web server 2 is equipped with a **registration acceptance module 21** for **accepting** the request for the document registration from the Web browser 11, and the DB/file server 3 is equipped with a **registration timing control module 32** for controlling the registration timing according to the designated processing timing, and a **registration module 33** for registering the document **stored** in the file system 31, at the timing controlled with the **registration timing control module 32**, with a DB 34. With the above constitution, the transfer and the registration are mutually shifted in timing.

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DIALOG(R)File 347:JAPIO  
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07377020 \*\*Image available\*\*  
CHARGING METHOD OF PREPAID CARD BUYING PRICE

PUB. NO.: 2002-245520 [JP 2002245520 A]  
PUBLISHED: August 30, 2002 (20020830)  
INVENTOR(s): YOSHIOKA YASUAKI



APPLICANT(s): DAINIPPON PRINTING CO LTD  
APPL. NO.: 2001-044475 [JP 20011044475]  
FILED: February 21, 2001 (20010221)  
INTL CLASS: G07F-007/08; B42D-015/10; **G06F-017/60** ; G06K-017/00;  
G06K-019/077

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a charging operation method of a card system price for reducing cost sharing risk of a card system user trying to **introduce** a card system by setting a card price for a card **maker** to an amount of the ratio according to a using state of a card.

SOLUTION: Amount data corresponding to an advance paid by a card user is recorded or stored in a recording means or a storage means of a prepaid card, and when the card user pays the price, price amount data equivalent to the price paid by the card user is subtracted and read from the amount data on the prepaid card by a card reader **writer**. The price amount data is sent to a host computer controlled by a card issuer, and after calculating a card using fee composed of a rate predetermined to the price amount data by a card using fee calculating means of the host computer, the card using fee is added to and stored in the storage means of the host computer.

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07347545 \*\*Image available\*\*  
SERVER FOR INFORMATION PROVIDING SYSTEM, AND INFORMATION PROVIDING METHOD

PUB. NO.: 2002-216036 [JP 2002216036 A]  
PUBLISHED: August 02, 2002 (20020802)  
INVENTOR(s): SHIBUYA SATORU  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 2001-010431 [JP 20011010431]  
FILED: January 18, 2001 (20010118)  
INTL CLASS: **G06F-017/60**

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a server for an information providing system and an information providing method, by which a purchaser can acquire sufficient information on the quality of merchandise at the time of purchasing the merchandise and a **maker** side can effectively **appeal** the information on the quality to the purchaser.

SOLUTION: When a purchaser 65 purchases merchandise 55, the identifier of the merchandise 55 is transmitted through an information terminal 60 to a server 11, and the providing means of the server 11 provides information on the quality of the merchandise 55 by using a transmitted manufacture number 56 as a retrieval key. The information on the quality is displayed at an information terminal 60, so that the purchaser 65 can preliminarily acquire the information on the quality of the merchandise 55 at the time of purchasing the merchandise 55. The credibility applying means of the server 11 applies credibility to the maker according to the quantity of the information of the merchandise 55 provided by the maker, so that the marker side can effectively appeal the quantitative or qualitative information on the quality to the purchaser.

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07334519    \*\*Image available\*\*  
SYSTEM AND METHOD FOR PROVIDING AND REFERENCING CUSTOM PRODUCT INFORMATION

PUB. NO.:        2002-203008 [JP 2002203008 A]  
PUBLISHED:       July 19, 2002 (20020719)  
INVENTOR(s):     KINOSHITA JUNICHI  
APPLICANT(s):    TOSHIBA CORP  
APPL. NO.:       2000-402769 [JP 2000402769]  
FILED:           December 28, 2000 (20001228)  
INTL CLASS:       G06F-017/60 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system that enables a specified customer to access custom product data calculated by a product providing **maker** with an informed key and to download the data for the customer available for inspection at all times.

SOLUTION: The system has an **authorization** component 301 that decides the pros and cons for **connecting** the system to a client device on the basis of the key involved in a reference request from the client device, a data analytical component 303 that defines a retrieval range of the custom product, which is feasible to be open to a user who issues a reference request, and a custom product database that records the data generated according to each individual manufacturing number of the custom product. The system has a retrieval component 305 that retrieves the product data from the custom product database and a transmission component 307 that edits and transmits the data of referenced results on the basis of the retrieved results to the client device that requests the reference.

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07303772    \*\*Image available\*\*  
SECURITY CHIP APPLYING SYSTEM FOR GAME MACHINE

PUB. NO.:        2002-172252 [JP 2002172252 A]  
PUBLISHED:       June 18, 2002 (20020618)  
INVENTOR(s):     YOSHIDA EIICHI  
APPLICANT(s):    LE TEK KU KK  
APPL. NO.:       2000-371641 [JP 2000371641]  
FILED:           December 06, 2000 (20001206)  
INTL CLASS:       A63F-007/02; G06F-011/00; G06F-001/00; G06F-017/60 ;  
                  G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To make an inspection safely, quickly, and efficiently via a communication network in a security chip applying system for a game machine.

SOLUTION: This security chip applying system comprises communication terminals of game machine **makers** communicated through exclusive circuits or public ones, communication terminals of the server of a security applying agency and a third party inspection agency, and ROM **writers** **connected** to the terminals of the game machine **makers** and the communication terminal of the third party inspection agency, respectively. The server of the security applying agency has a program control file and an encoded control ledger file for each game machine **maker** and an inspection control ledger file arranged for each game machine **maker**. In the communication protocol between the communication terminals, a **maker** code, an inspection agency code, and an encoding request code are transmitted, and whether a sender is the person him/herself or not is invariably confirmed by this security chip applying system for the game

machine.

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07239897 \*\*Image available\*\*  
COMPREHENSIVE MUSIC INFORMATION MANAGEMENT SYSTEM AND MUSIC INFORMATION  
AUDITION METHOD

PUB. NO.: 2002-108348 [JP 2002108348 A]  
PUBLISHED: April 10, 2002 (20020410)  
INVENTOR(s): TSUMEO KOJI  
APPLICANT(s): RECORDING INDUSTRY ASSOCIATION OF JAPAN  
APPL. NO.: 2000-293673 [JP 2000293673]  
FILED: September 27, 2000 (20000927)  
INTL CLASS: G10K-015/02; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To present an integrated code system covering a range from 'when contents (music) are born' to 'when the contents are used secondarily by users through broadcasting, etc.', and to establish what is called industry EDI.

SOLUTION: This system has a storage 40 which stores sound-source and various peripheral data of a code system by constituting the code system by using an ISRC code added to an original disk as a key code, combining various peripheral data such as a jacket photograph and artist data with an ISRC code, and further combining various right data on an **author**, an original disk **producer**, a publication company, and a player, and also has a database 32 which stores music information, permission information, and right allocation information of the code system and an access control means 31 which is **connected** to a data input system and an audition system and has a read/write right control function 33 of controlling whether or not data can be read and written, a use permission control function 34 of controlling whether or not the data can be used, a format converting function of converting the format of sound source data, and a log function 60 of saving the use of data of the database as a log.

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07172964 \*\*Image available\*\*  
**LINK /ACCESS CONTROL ON TRUST BASE**

PUB. NO.: 2002-041350 [JP 2002041350 A]  
PUBLISHED: February 08, 2002 (20020208)  
INVENTOR(s): BATES CARY LEE  
PAUL RUBEN D  
JOHN MATHEW SANTOSUOSSO  
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)  
APPL. NO.: 2001-151963 [JP 20011151963]  
FILED: May 22, 2001 (20010522)  
PRIORITY: 00 577644 [US 2000577644], US (United States of America), May 24, 2000 (20000524)  
INTL CLASS: G06F-012/00; G06F-013/00; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a device, a program product and a method to control access to a document **linked** on a computer.

SOLUTION: Reliability of the **linked** document is confirmed by calculation and user navigation from a document with which a distrusted document is **linked** to a distrusted document is suppressed. An owner, an **author**, a **developer** and a publisher, etc., of the document can evade potential difficulty such as inconvenience, confusion, legal accountability as a result of the contents of a document at a **link** destination under control of a third party by controlling **link** /access based on the reliability of the document.

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07116642 \*\*Image available\*\*  
RECYCLE SYSTEM UTILIZING COMPUTER NETWORK FOR RECYCLING OF RAW GARBAGE FROM FARMYARD MANURE TO AGROCHEMICAL- FREE PRODUCE TO CONSUMER

PUB. NO.: 2001-344310 [JP 2001344310 A]  
PUBLISHED: December 14, 2001 (20011214)  
INVENTOR(s): NARITA KAZUNORI  
MIZUKAMI SATOSHI  
YAMAMOTO TOSHIHIKO  
APPLICANT(s): NEC KANSAI LTD  
APPL. NO.: 2000-166902 [JP 2000166902]  
FILED: June 05, 2000 (20000605)  
INTL CLASS: **G06F-017/60** ; B09B-005/00; C05F-009/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a recycle system, that can solve the infeasible problem of adjusting the mismatching between consumption and production, depending upon each type and volume of waste discharge for raw garbage, farmyard manure, and agrochemical-free produce, which is caused by a large-scale recycling implemented by many small raw garbage **originators**, farmyard manure **producers**, agrochemical-free **producers** and consumers. SOLUTION: The recycling system **connects** the raw garbage **originators**, the farmyard manure **producers**, the agrochemical-free **producers**, and the consumers via a computer network. The system registers each of estimated volume discharged and the type of the raw garbage, of the estimated production volume and the type of the farmyard manure product, and of the estimated production volume and the type of the agrochemical-free produce to a host computer. The system informs each party an optimal solution to distribute the domestic garbage to the farmyard manure **producers**, the farmyard manure to the agrochemical-free **producers**, and the agrochemical-free produce to the consumers with the help of the computer.

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07091468 \*\*Image available\*\*  
DISCOUNT SYSTEM

PUB. NO.: 2001-319124 [JP 2001319124 A]  
PUBLISHED: November 16, 2001 (20011116)  
INVENTOR(s): OKOCHI MINORU  
ENDO TSUTOMU  
HIURA TAMOTSU  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-137892 [JP 2000137892]  
FILED: May 10, 2000 (20000510)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To actualize a fully electronic coupon/point system discount.

SOLUTION: Shop sites 2 to 4, a coupon site 1, and an end-user terminal 5 are **connected** by the Internet 10. The coupon site presents coupons of the shop sites obtained from **makers** and retailers by **inviting** coupon publishing and coupons unique to the coupon site. Further, members are invited. A member accesses the coupon site from his or her end-user terminal to retrieve a desired article and can obtain coupons. Then the member jumps the picture of the coupon site to the picture of the corresponding shop site and presents the coupons at the shop site to purchase the desired article. The coupon site transmits necessary irreducible personal information on the member to the shop site through inter-server communication. The coupons unique to the coupon site are applicable to the respective shop sites.

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DIALOG(R)File 347:JAPIO

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07091379 \*\*Image available\*\*

PRODUCT PROVIDING METHOD AND SYSTEM

PUB. NO.: 2001-319035 [JP 2001319035 A]

PUBLISHED: November 16, 2001 (20011116)

INVENTOR(s): TABUCHI CHIKASHI

APPLICANT(s): SEIKO EPSON CORP

APPL. NO.: 2000-136186 [JP 2000136186]

FILED: May 09, 2000 (20000509)

INTL CLASS: G06F-017/60 ; G06F-017/50

ABSTRACT

PROBLEM TO BE SOLVED: To provide a product providing method and its system which can give a consumer a chance to design a product to be provided and can provide a product with a design that the consumer desires by using the provided design.

SOLUTION: A timepiece providing system 100 provides tools and information for timepiece designing for a general consumer (customer as a **maker**) who is **interested** in generating a timepiece design and design data sent from this customer are examined and registered; when a timepiece using the design data of this customer is sold, points are given. The product providing system 100 prompts a general consumer (customer as a buyer) who desires to purchase a timepiece to retrieve a desired timepiece design from various timepiece designs corresponding to stored design data and when a timepiece with the desired timepiece design is produced and sold, the buying customer is given points.

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DIALOG(R)File 347:JAPIO

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06629402 \*\*Image available\*\*

DATA TOTALIZER AND DATA TOTALIZING SYSTEM

PUB. NO.: 2000-215216 [JP 2000215216 A]

PUBLISHED: August 04, 2000 (20000804)

INVENTOR(s): SANO TOMONORI

APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 11-018629 [JP 9918629]  
FILED: January 27, 1999 (19990127)  
INTL CLASS: G06F-017/40 ; G06F-017/00 ; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To improve the versatility by decomposing a file, which is **received** by reading a parameter corresponding to the terminal equipment of transmission source out of a second storage means, for every data and **storing** these data in a first storage means for every item.

SOLUTION: A data **registration module** retrieves the parameter corresponding to station work equipment to be a processing object from the terminal number of the station work equipment while using a station work equipment data master 23c of the second storage means. A temporary file is prepared in a data base registration temporary 23b while using the data conversion function of that retrieved parameter. Information for one item is taken out of that file, the place of registration in a data base 23a of the first storage means is judged by a data base information master 23d, and data are translated into code by a code translation master 23e and registered into a database 23a.

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